

25

Scrapbook

S O I L

CONSERVATION
NEWS
ITEMS

110

STAVR

NEWS

THE

Contour Strips On Bonnett Farm

6-20-57



An enthusiastic supporter of soil conservation practices, Harold Bonnett is shown inspecting one of the fields on his farm in Fremont township. In addition to strip cropping, Bonnett has set up a program of grassed waterways, crop rotations, liming, fertilizing and pasture renovation on his 240-acre farm.

Bonnett's Contour Strips, Other Soil Work Underway

To check soil erosion and bring his 240-acre farm into a high state of production, Harold Bonnett, Fremont township farmer, has taken important steps in a comprehensive program of soil conservation practices.

Contour strip cropping, grassed waterways, liming of the land, fertilizing and pasture renovation are among the conservation practices that he is developing.

Bonnett became a cooperator

in the Clarke County Soil Conservation District last year and worked out a complete conservation program for his farm with the assistance of Harold Anderson, local work unit conservationist.

Forty-seven acres of the Bonnett farm, located along Highway 69, were laid for contour strip farming in the spring of 1957, and there are 49 acres re-

maining to be established next year.

The long slopes on the Bonnett farm lend themselves extremely well to strip cropping, with the strips fairly uniform in width.

Bonnett moved to the Clarke county farm in November of 1953. He came from Jasper county, northeast of Clarke, and in that area had watched closely the rapid spread of soil conservation practices so that he was ready to inaugurate the program when he took over the local farm.

He said that he considers the soil conservation program a useful and effective practice and that he is enthusiastic in recommending the plan to others.

Many Farmers Take Up Conservation

3,192 New Soil District Members In First Half Of 1957

6-29-57

Three thousand one hundred ninety-two farmers joined the ranks of conservation enthusiasts by becoming district cooperators with Iowa's 100 soil conservation districts during the first six months of 1957.

Frank H. Mendell, State Conservationist of the U. S. Soil Conservation Service, further reported that presently there are 60,597 district cooperators working with local Soil Conservation Service technicians. Of this number, 40,953 have received technical assistance in the development of a complete soil and water conservation farm plan.

Farm people's concern over the loss of fertile top soil, along with shortage of moisture, has caused an increased interest in enduring soil conservation practices.

Soil Conservation Service employees assisting local soil conservation districts provided technical assistance in applying 2,232 miles of terraces; 153,158 acres of contouring; and 16,775 acres of strip cropping, along with 2,678 acres of grassed waterways, and 11,340

acres of pasture improvement the first six months of 1957.

Eight hundred fifty-three farm ponds for livestock water were built. Mendell further reported that 155 structures were designed and built for gully stabilization and water detention.

Wildlife was benefitted by planting 22,333 rods multiflora rose and improving 2,266 acres for game cover.

Leading districts in terrace construction were Fremont, Plymouth, and Harrison, as were Ringgold, Wapello, and Wayne in number of ponds built, and Clayton, Mills and Shelby in waterway development.

Two Queens Selected To Represent Clarke District

8-1-57

Miss Patricia Hendrickson and Miss Sue Powell will represent the Clarke County Soil Conservation District in the "Queen of the Furrow" regional contest to be held at the Southern Iowa Fair at Oskaloosa on Saturday, Aug. 10, at 9 p. m.

Miss Hendrickson, 18, is the daughter of Mr. and Mrs. Gerald Hendrickson who farm near Lacelle, and Miss Powell, 19, is the daughter of Mr. and Mrs. Virgil Powell who farm north of Ottawa.

The girls were selected by the district commissioners, Carl Handrock, Adrian Fuller and Doyce Miller in their regular monthly meeting held Monday night.

Sue and Patricia will compete with girls from 10 other counties in Oskaloosa. The contestants are judged on natural attractiveness, personality and ability to converse. The winner in Oskaloosa will receive a sev-

enteen jewel wrist watch and will represent the region in the state contest to be held on September 8, 1957 during the Annual Conference of Soil Conservation District Commissioners at Iowa State College, Ames, Iowa.

Nine candidates will compete in the final contest at Ames, one from each of the nine regions in Iowa.

The state winner will receive a grand prize, including a complete new wardrobe of her selection. She will also reign as "Queen of the Furrow" for the state of Iowa at the State Plowing Matches to be held in Franklin County on September 14, 1957.

The contest is co-sponsored by the Soil Conservation Districts of Iowa and the American Steel and Wire company. It is open to all farm girls in Iowa between the ages of 16 and 21. According to contest officials, the response all over the state has been excellent.

3 County Farms Listed For Awards

8-6-57

Two Queens Ready For Contest

8-8-57



Two attractive candidates who will represent the Clarke County Soil Conservation District in the regional "Queen of the Furrow" contest are shown as they received best wishes from Miss Donna James, center, assistant in the soil district office here. The local candidates are Miss Sue Powell, left, and Miss Patricia Hendrickson and they will compete Saturday at the Southern Iowa Fair in Oskaloosa. Miss Hendrickson, 18, is the daughter of Mr. and Mrs. Gerald Hendrickson, who farm near Lacelle, and Miss Powell is the daughter of Mr. and Mrs. Virgil Powell, who farm north of Ottawa.

George and Larry Casey, Howard Mark and John Bryant, and Gerald Pedersen have been selected to represent the Clarke County Soil Conservation District in the three divisions of the Iowa Soil Conservation Achievement Awards program, according to Carl Handrock, chairman of the district commissioners.

The program is sponsored by the Des Moines Register and Tribune in cooperation with the Iowa Association of Soil Conservation District Commissioners, Iowa State Soil Conservation Committee, Iowa State College Extension Service, State Department of Agriculture, U. S. Soil Conservation Service and the Soil Conservation Society of America.

George and Larry Casey, father and son, in Fremont township were chosen for Division No. 1 which recognizes the farm on which the owner-operators have accomplished the most complete conservation program as determined by the land use program and the soil conservation practices adopted. George Casey is a long time district cooperator. He and Larry became partners when Larry returned from military duty in the Korean campaign.

Practices in use on the Casey farm include contour farming, terracing, grassed waterways, pond building, multiflora rose fence on the contour, tree planting, pasture improvement along with liming, fertilizing and crop rotations.

George also teaches conservation in his work as instructor in the Veterans on-the-farm training program.

John Bryant, Washington township farmer, and his landlord, Howard Mark of Casey, Iowa, were the winners in Division No. II which is open to tenant-operated farms on which the best conservation programs have been established and maintained by joint effort of landlord and tenant.

Howard Mark formerly operated his farm himself and started using conservation practices some twenty years ago. He was one of the first farmers in the county to plow, plant and cultivate on the contour.

He worked out a conservation plan for his farm in cooperation with the district 10 years ago and has continued his program since that time. John Bryant has operated the farm during the past five years and has done an excellent job of conservation work in maintaining the practices started by Mr. Mark. A large drop inlet dam was built this spring to control a large gully in the north part of the farm.

All the fields are farmed on the contour. Some have been terraced and all of the waterways in the cropland are well

grassed, some with Reed canary grass. The crop fields are farmed in a rotation of corn-oats and two years of meadow. Other practices include liming, fertilizing and pasture renovation.

Gerald Pedersen, Osceola township, was named as winner in Division No. III. This division is open to farmers who became new cooperatives in 1955 or later and have made the most progress in carrying out the needed soil and water conservation practices.

Gerald has built 1.5 miles of standard terrace and established a like amount of grassed waterways. He farms all sloping fields on the contour and has built fences on the contour where necessary. A large drop inlet dam was constructed last year to control a large gully and provide a water supply for livestock. The earth fill also serves as a crossing for access to fields. In addition the land has been limed and fertilized, a crop rotation system started and trefoil seedings established for permanent pasture.

The winning farms were selected by the commissioners, Carl Handrock, Adrian Fuller and Doyce Miller, assisted by Harold Anderson, work unit conservationist and Steve Evans, county extension director, after visiting the farms and reviewing the records.

Each local winner will receive an attractive certificate from the Des Moines Register and Tribune and the Iowa Farm and Home Register.

The Clarke District entries will compete with winning farmers from Madison, Warren, Mahaska, Lucas, Monroe, Decatur, Wayne and Appanoose County Soil Conservation Districts, all of which comprise region No. 6.

Winners in the nine regions in Iowa will be determined by August 19. They will receive proper recognition and enter state competition.

The state judging committee will complete selection of state winners by September 4, 1957. Awards to Regional and State winners will be made on September 10 at soil conservation district commissioners' annual conference in Ames.

The sweepstakes winner in the state, from the first two divisions, will be the farm with the best conservation program and the winning farmer-operator will receive a U. S. \$500 Savings Bond. State winners in each of the divisions will receive proper awards.

Bryant-Mark Farm Wins Regional Title In Contest

Top honors in Region 6 have been won by a Clarke county tenant-operated farm in the Iowa Soil Conservation Achievement Awards program sponsored over the state by the Des Moines Register and Tribune.

John Bryant, Washington township farmer, and his landlord, Howard Mark of Casey, are the winners in Division II of the region which includes 11 counties in south central Iowa.

The farm will compete with eight other regional winners for top state honors as the owner-tenant farms on which the best conservation programs have been established and maintained by the joint effort of landlord and tenant, according to Harold Anderson, work conservationist of the Clarke Soil Conservation District.

"The Clarke county farm has won a significant honor for its tenant and owner in being judged the best in 11 counties and our entire soil district membership can well be proud of the rating," Anderson pointed out.

Owners and operators of all regional winning farms will be honored and receive certificates and other awards on Sept. 10 at a luncheon in the Memorial Union at Iowa State College. The ceremony will be a feature of

the annual conference of the Iowa Association of Soil Conservation District Commissioners.

Mark formerly operated the winning Clarke county farm himself and started using conservation practices some 20 years ago, Anderson said.

He was one of the first farmers in Clarke county to plow, plant and cultivate on the contour.

Mark worked out a conservation plan for his farm in cooperation with the Clarke soil district 10 years ago and has continued his program since that time.

Bryant has operated the winning farm during the past five years and has done an excellent job of conservation work in maintaining the practices started by the owner, Anderson said.

A large drop inlet dam was built last spring to control a major gully in the north part of the farm. All of the fields are farmed on the contour. Some have been terraced and all of the waterways in the cropland are well grassed, some with Reed canary seed.

The crop fields are farmed in a rotation of corn-oats and two years of meadow. Other practices on the winning farm include liming, fertilizing and pasture renovation.

Winners are first selected in the local districts (counties) and then in regions set up by the district commissioners' association. Winners in the nine regions then compete for state honors. The top farm among the three state winners is then designated for sweepstakes honors, the top award being a U. S. savings bond of \$500 maturity value.

Rules provide that if the sweepstakes award goes to a landlord-tenant operated farm, the tenant and his family will receive the savings bond, another suitable award going to the landlord.

To Honor Farmers At Thurs. Dinner

An exceptional program with a number of features is expected to attract a record attendance to the annual Farmer-Business dinner to be held at 7 o'clock Thursday evening in the 4-H building at the fairgrounds under the auspices of the Osceola Chamber of Commerce.

Presentation of soil conservation awards to county farmers, an address by Iowa's state secretary of agriculture and musical entertainment by Murray and Osceola high school students will be among the dinner program's highlights.

An address of timely interest to both the farmers and the business men of Clarke county will be given by Clyde Spry, the agriculture secretary. A native of Iowa, the secretary was a successful farmer in the state for 30 years before entering the state office and has been active all of his adult life in agricultural affairs.

Clarke county farm owners and tenants who won district and regional honors in state wide soil conservation judging this summer and fall will receive their awards as another feature of the dinner meeting.

The men to be honored for their programs of soil conservation on local farms are: George Casey, Larry Casey, Gerald Pedersen, Howard Mark and John Bryant.

Ralph K. McGee, County Extension Director Steve Evans and Dr. George Lewis are in charge of arrangements and ticket sales for the Farmer-Business dinner.

The Chamber of Commerce committee said that everyone interested has been invited to attend and that the annual county-wide event gives Clarke county farmers and local business men an ideal opportunity to get together for a discussion of mutual plans and problems.

County Farm-Business Dinner To Hear Spry

Clyde Spry, Iowa's secretary of agriculture, will be the principal speaker on an outstanding program of several features which will highlight the annual county-wide Farmer-Business dinner to be held Thursday evening, Nov. 21, in the 4-H building at the fairgrounds under the auspices of the Osceola Chamber of Commerce.

A record attendance of Clarke county farmers and local business men is expected to attend the annual event, according to Ralph K. McGee, County Extension Director Steve Evans and

Card of Thanks
We wish to express our heartfelt appreciation for the many acts of kindness, cards and floral offerings received during the illness and passing of our beloved son and brother, Ralph Burgess. Mrs. Grace Burgess
S46-T47 Brothers and Sisters

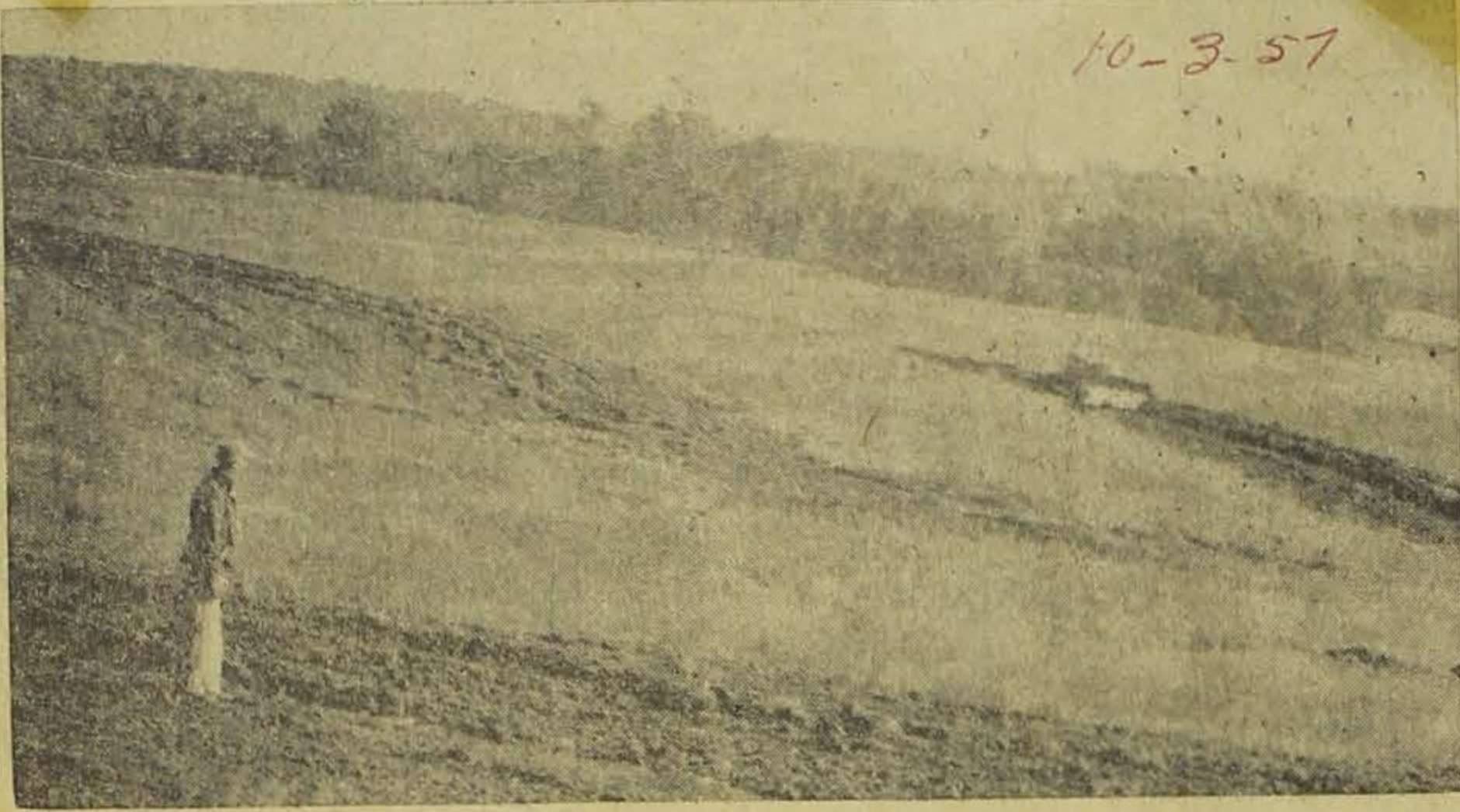
Card of Thanks
I wish to express my sincere thanks and appreciation to all who sent flowers, cards and gifts, and to all who visited me during my recent illness at the Clarke county hospital. Special thanks to the doctors and nurses for their kind attention.
Mrs. Wendell Kirk
S46

To Speak Here



sandwiches and pop will be served after the program by the PTA women. Mrs. Alice Saddoris is the teacher.
Ronnie Van Winkle spent Saturday with his grandparents, Mr. and Mrs. George Westbrook in Woodburn.
Roger Diehl spent from Friday noon until Sunday morning with his grandparents, Mr. and Mrs. S46

Terracing Underway On Three-Generation Farm



Land that was broken with oxen by the owner's grandfather was being terraced this week under the most modern type of soil conservation program on the farm of Myron Coon in Doyle township. Harold Anderson, work unit conservationist of the Soil Conservation Service in Osceola, is shown in the foreground as he inspects the project at a rough stage while the

bulldozer is working on the bottom level of the three terraces. Myron Coon's grandfather first broke the land after he settled in Doyle township in 1855. Myron's father, Aaron, farmed the same land until it passed to the third generation of the family. A waterway, just behind Anderson in the picture, intersects the terraces for drainage.

Terracing Work Underway On Several County Farms

Several farmers in the Clarke County Soil Conservation District are building terraces this fall, according to Harold Anderson, Work Unit Conservationist of the Soil Conservation Service in Osceola.

Farmers who have terracing

projects underway include Myron Coon in Doyle township, Adrian Fuller and Ray Dickens in Knox township, Russell Brierly in Jackson Township, Arthur Smith in Washington Township and Lester Drennen in Osceola Township.

Soil moisture conditions are ideal for terracing and fall plowing, although in some instances the terraces will be built now and the remainder of the terraced field will be plowed next spring or in later years.

On ground to be used for a cultivated crop next year, the row crop will be planted on the terrace ridge and channel as it is in the rest of the field. The terrace serves as the guide line for contour planting.

In a field with a good stand of meadow or pasture which is to be left for another year or more, the area disturbed by the terracing will be seeded to a mixture of legumes and grasses.

"Others will build terraces later this fall after crops are harvested. Cost-sharing assistance for the work is provided through the local ASC office," Anderson said.

Terraces, when properly used and constructed, are the most effective supporting conservation practice. They conserve moisture and reduce soil losses to a minimum, permitting the use of

more intensive rotations on slopes suitable for cropland, according to Anderson.

The terraces are laid out as nearly parallel as possible in order to have fewer point rows. In fields with uniform slopes and good grassed waterways suitable for use as outlets for the terraces, most point rows can be eliminated.

On land that slopes six per cent or less, standard terraces built according to specifications can be crossed with combines and hay machinery at almost any angle. On the steeper slopes where the terraces cannot be built as wide as on less sloping ground, it is usually better to harvest grain and hay by operating equipment with the terrace.

Various types of equipment are used for construction. Most terraces here are built with bulldozers, ordinary moldboard plows or whirlwind terrace plows. However, the bulldozer is gaining in favor as it has the advantage in many respects. It will operate under conditions in which plows cannot be used effectively, such as dried out soils or on rough, uneven ground, Anderson pointed out.

Watershed Film

At Liberty Meet

Facts about the watershed protection and flood prevention program will be shown in films at 8 o'clock next Tuesday evening in the Liberty school. Everyone interested has been invited to attend.

Watershed Plan To Be Outlined

Everyone interested in watershed protection and flood prevention has been invited to attend a meeting to be held at 8 o'clock Friday evening, Dec. 6, at the Center school in Liberty township.

Films made by the Soil Conservation Service of the U. S. Department of Agriculture will be shown to give facts about the government's Watershed Protection and Flood Prevention Act and how it affects residents of this area.

State Field Day Plans Underway

Details, Location Under Study
By Soil Conservation Groups

A State Soil Conservation Districts Field Day and Plowing Match will be held in 1958, according to a statement today by George Eason, chairman of the State Soil Conservation Committee, and Gilbert Fridley, president of the Iowa Association of Soil Conservation District Commissioners. The exact location and dates will be selected by a committee representing these two groups, along with a representative from Radio Station WHO, the Iowa Agricultural Extension Service, Soil Conservation Society of America, and the Soil Conservation Service.

The major purpose and objective of this event is to emphasize soil and water conservation and to demonstrate appropriate methods of control. The contour and level land plowing matches are a farmer sporting event to test the skills of the farmers participating in the art of good plowing.

The local soil conservation district in which the event is held plays a very important role in selecting the farm or farms, in arranging for the cooperation of the Chamber of Commerce, civic groups, equipment dealers, contractors and neighboring farmers.

The full support of the local soil conservation district is essential to the success of this event, according to George Eason. The cooperation of agencies, organizations and farmers helps both rural and urban people to better understand the problems of erosion and the benefits that come from the adoption of needed measures, says Gilbert Fridley.

Some communities have already bid for the 1958 event which will probably be held in late August or September. Soil Conservation Districts or counties that would like to consider having this event in their area should write the State Soil Conservation Committee, State House, Des Moines, Iowa.

Annual Farm-Business Dinner Hears Spry

4 Farmers Honored For Conservation

11-26-57

More than 175 people attended the annual Farmer-Business dinner at the 4-H building Thursday night and heard Iowa Secretary of Agriculture Clyde Spry say that although Iowa farmers have allowed marketing to lag behind production, the production possibilities of Iowa have not had the surface scratched.

Spry told the assembled farmers and business men that the federal government has "played politics" with the Iowa farm problem, without really trying to solve it. He emphasized that the only possible solution, as far as he could see, would come from better marketing of Iowa farm products. This must be done both through publicity and through quality control he said.

In looking back, Spry told the group that his department was organized in 1923, largely through the efforts of Lloyd Thurston of Osceola, then a state senator. He added that in the intervening 34 years the department has done much to help the Iowa farmer although they had not been able to solve the price problem, largely because of the opposition from Washington.

Three local farms received honors at the program for soil conservation. They were the George and Larry Casey operation in Fremont township for the district owner-operators who have the most complete conservation program; John Bryant and Howard Mark, Washington township, for the best conservation programs by joint efforts of landlord and tenant, and Gerald Pederson, Osceola township for the farmer who has come into the conservation program since 1955, and has done the most work carrying out the needed soil and water conservation practices.



Larry and George Casey, above, paused for a moment Friday for pictures after receiving the district award for the most complete conservation program by an owner-manager. The Casey's were feeding their 27 head of Holstein Grade A milking herd at the time the picture was taken. They received their Grade A permit last week after completely remodeling their milk house on their 266 acre farm 4 miles north of Osceola.

John Bryant, right, was picking corn on the Howard Mark farm Friday. He was honored Thursday for his winning entry in the regional competition for the best joint effort of landlord and tenant in soil conservation. The 280 acre farm in Washington township is one of the soil conservation show pieces of Clarke county. He estimated Friday that the corn being taken from terraced, contoured field on the farm was running about 90 bushels per acre.



Engineers Study Area Watershed

1-28-58

Army engineers, working on plans for the "Red Rock" flood control dam on the Des Moines river, made a survey of Clarke county Thursday to determine possible sites for supplementary reservoirs in the main watersheds of the county. Their survey is designed to give information that will determine the final capacity of the big dam on the river.

The party is making a similar survey of each county in the area which drains into the Des Moines river above the dam.

During the morning the party met with some dozen or more soil conservation representatives in the court house where the various watersheds in the county were discussed, along with the probabilities of increased conservation practices within the next quarter century.

The engineers were interested in the peculiar geographical condition that puts this county at the headwaters of numerous drainage ways. It is an unusual fact that almost no water that drains from other counties crosses Clarke. The only exception is in the northwest corner where a few acres in Union county drain across this county on the upper reaches of South River. Heading in the county are Long Creek, the Charlton river, White Breast, Otter creeks and Squaw creek, to mention the principal ones.

Dewey Bondurant, Soil Conservation Service engineer, conducted the meeting in the court house. Engineers from the army who were present were A. F. Burley and Leonard Carlson from Rock Island, Ill.

The engineers were apparently not interested in any small structures that might be built to control run off in the future. Watersheds of less than ten square miles apparently do not figure in their calculations. It is known that most watershed areas contemplated in the county now would not encumbass such a territory, nor would farmer-sponsored projects favor such large structures. Rather they prefer several smaller reservoirs higher up on the watersheds, reasoning that these would lessen flood water damage on the smaller tributaries.

After making map selections of possible sites, the army engineers and others spent the afternoon visiting these sites and locating the most feasible on their maps.

County Soil Conservation Report Shows '57 Progress

Clarke county's Soil Conservation District had an outstanding year of accomplishment during 1957 with 34 farmers working out basic programs and progress shown on practically all forms of practices, according to the annual report released Monday by Harold M. Anderson, work unit conservationist.

There were 70 farm ponds and 13 drop inlet dams added to farms in the county last year. Other important practices showing major increases were:

1,127 acres of contour farming, 92 acres of strip cropping, over 32 acres of sod waterways, nearly 10 miles of standard terraces and 2,286 feet of tilling.

For the first time, the annual report has been compiled in chronological order by months and will be published in the Osceola newspapers in a series of articles during the next two weeks.

Commissioners of the local district are Carl Handrock, chairman, and Adrian T. Fuller and Doyce Miller, with Steve Evans as secretary.

The following farmers worked out basic conservation plans for their farms in 1957 in cooperation with the District:

Lloyd Bush, Madison township; M. I. Jefferson and Earl Milligan, Fremont township; Lewis Simms, Ward township; Orlan Sanders, Franklin township; Ardis Ramsey and Earl Blackford, Fremont township; Bernard Croonquist, Franklin township; Don Kelley, Green Bay township; L. L. Piercy, Jackson township; Oryal Morris, Green Bay township; Ronald Beadel, Osceola township; Dennis Allen, Osceola township;

G. E. and H. H. Lewis, Liberty township; Frank E. Woods, Osceola township; A. B. Langfitt, Jackson township; W. A. and Richard Touet, Ward township; Ray I. Dickens, Knox township; Jerry Heston, Franklin township; Voy Wright, Franklin township; Russell Brierly, Jackson township; Sydney Gross, Ward township; Howard Ruble, Jackson township; Marcus Harders, Troy township; Paul Neal, Green Bay township;

Gerald Hendrickson, Knox township; Robert Upfield, Franklin township; Ronald Fouche, Washington township; Eldon Sanders, Franklin township; Pearl and Virgil Day, Fremont township; Robert Byers, Ward township; Harry Funston, Fremont township; Lora M. and Curtis Burgus, Madison township; Lora M. and Junior Burgus, Madison township; Alvin R. Havard, Franklin township; Frances Davis, Troy township, and W. H. Jones, Washington township.

County Men Attend Conservation Meet

All Day Meeting In Chariton
Friday For 11 County Districts

An all-day meeting for soil conservation districts in region No. 6 was held in Chariton on Friday for eleven districts including Clarke, Warren, Madison, Marion, Mahaska, Monroe, Lucas, Davis, Appanoose, Wayne and Decatur.

The meetings are planned and arranged by the State Soil Conservation committee and the Iowa Association of Soil Conservation District Commissioners in cooperation with local groups. Representatives of the various agricultural agencies operating in the districts are invited to the meetings.

Those from Osceola who attended the Chariton session were Steve Evans, County Extension director; Charles Bacon, ASC office manager; Floyd Mason, Merle McCarty, Eddie Liggitt, County ASC committeemen; Everett Pierce, representative of the State Conservation Commission; Mrs. Jerry Armstrong, district clerk, and Harold Anderson, Work Unit Conservationist of the U. S. Soil Conservation Service.

James W. Foster, member of the State Soil Conservation committee from Albia, presided. A representative of each district reported briefly on individual district accomplishments and problems. These were listed for further discussion and consideration by the entire group.

Highlighting the morning session was a panel presentation by all of the agency representatives from Madison county. Irvin Edwards, chairman of the Madison county soil conservation district commissioners, headed the panel and called upon all members to discuss the contributions made by the respective agencies to the overall soil conservation program within the district. Madison district has made a great deal of progress over the years, made possible by excellent cooperation. An important factor in their progress is an Annual Conservation Field Day held in the fall, co-sponsored by the Madison County Soil Conservation District and the Winterset Chamber of Commerce.

In the afternoon, Frank H. Mendell, Des Moines, State Conservationist of the U. S. Soil Conservation Service, led a general discussion from the audience in review of problems posed during the morning session.

Chairman James Foster discussed district budgets and state appropriations for districts, pointing out that all funds are used and that a need is shown for additional assistance.

Richard G. Prestemon, assistant secretary of the State Soil Conservation committee, brought the group up to date on watershed development, stating that seventeen watersheds in Iowa have been approved by the state committee and that several districts have additional watershed projects under consideration and in various stages of development.

Maurice Goode, commissioner from Wayne county and regional director for Region No. 6, showed the group a handbook of information pamphlets on soil conservation. This handbook was prepared in Wayne county for use in schools.

Gilbert Fridley of Indianola, president of the Iowa Association of Soil Conservation Districts, reported on association activities after which the meeting adjourned.

County Soil Conservation

This is the first in a series of articles in the Osceola newspapers presenting the 1957 annual report of the Clarke County Soil Conservation District as it was compiled in chronological order by months:

We, the Commissioners of the Clarke County Soil Conservation District, are pleased to report the activities and accomplishments of the District for 1957.

We wish to express our appreciation to all agencies, groups, and individuals whose fine cooperation makes yearly progress possible.

Adequate rainfall in most of the district and favorable weather conditions made 1957 a good year for production of farm crops. Moisture was somewhat deficient in the west part of the county. Generally, however, soil moisture reserves have been replenished and, in this respect, we go into 1958 in a greatly improved position as compared to a year ago.

This year we are reporting the

various events as they occurred, month by month. Information on planting and servicing is shown in Table I. Practices accomplished in 1957 and to date are shown in Table II. Included also is a report of the expenditures of money provided for the district by the State of Iowa.

January

Commissioner Adrian Fuller attended the Annual District Commissioners Short Course held at Ames on January 9, 10 and 11.

Robert Matheson, District Forester from Chariton, met with the Clarke county ASC committee and the Work Unit Staff to review the forestry practices in the 1957 ACP handbook and to inform the group as to the technical assistance to be provided by the State Conservation Commission. This was the first year the Clarke county ASC committee included forestry practices in their program. Several co-operators ordered trees and shrubs from the State Nursery through the District office.

A watershed interest and information meeting was held on Tuesday evening, Jan. 31 at the Murray school for farmers in the Long Creek watershed area with 30 people attending. E. E. Smith, Jr., Area Conservationist, from Chariton explained the watershed program and showed slides taken in the Honey Creek watershed in Lucas county.

February

Wayne O'Neill, whose six year term as commissioner expires in the spring of 1957, announced that, due to his many other activities, he will not be a candidate for re-election. Wayne's long period of fine service as a commissioner is greatly appreciated.

Doyce Miller and Gerald Pedersen of Osceola township and Charles McPhetridge of Jackson township entered the field as candidates for the commissioner position. All three candidates are district co-operators. The election will be held in April.

Douglas Price of Osceola started to work on February 25 as conservation aid.

Chairman Carl Handrock and Harold Anderson were named by the Clarke county Extension Council as members of the County Crops Committee.

Taking advantage of the dry mild weather the latter part of February, some co-operators started to build terraces.

March

The Clarke County Soil Conservation District was featured in the March issue of Iowa Soil and Water Magazine. The magazine was distributed county-wide, going to all farmers and land owners and to many business firms in Osceola, Woodburn and Murray as well as to all schools in the district. Several people have

We wish to commend Hubert Beasley, Managing Editor of called at the office for copies. Iowa Soil and Water for his able assistance in assembling material for the magazine and getting it ready for distribution.

Commissioner Adrian Fuller, Donna James, State Clerk, Harold Anderson, Work Unit Conservationist and County ASC Committeemen Floyd Mason, Eddie Liggett and Carl Luce attended the regional meeting of Soil Conservation Districts held in Chariton on March 20.

Ralph Evans, County Superintendent of Schools met with the commissioners to consider future conservation activity with grade schools. Decision was reached to revise the three books being used presently in the sixth, seventh and eighth grades. The material will be condensed into one work

book which will be used each year in the seventh grade.

The District will pay tuition for two teachers to attend the summer conservation camp at Springbrook State Park. The Osceola Chapter of the Izaak Walton League will defray part of the cost of board and room for two teachers who may wish to attend this camp.

Jesse Burgus and Lowell Moran, leaders in the Long Creek area met with the Commissioners to discuss further steps in organizing their watershed.

(To be continued)

Soil Conservation Work Shows Progress For Year

This is the second in the series of articles in the Osceola newspapers presenting the 1957 annual report of the Clarke County Soil Conservation District as it was compiled in chronological order by months:

April

For the second consecutive month more than normal rainfall was recorded in Osceola. April rainfall amounted to 5.7 inches. Normal rainfall here in April is 2.88 inches. Total moisture for 1957 as of April 30 was 9.95 inches. Normal for that date is 6.68 inches.

Commissioners election was held in the evening on April 23 at the 4-H building in Osceola in connection with a county-wide information meeting on watershed development. Doyce Miller was elected for a six year term to succeed Wayne O'Neill.

Charles Ballantyne, Extension Conservationist, from Iowa State College was the principal speaker at this meeting attended by approximately fifty farmers and land owners.

The Commissioners completed the Goodyear Contest score sheet for entry in the Soil Conservation District Awards Program sponsored by the Goodyear Tire and Rubber Company. Ralph Bell of Ward township was named as the outstanding conservation farmer for the period covered in the program, May 1, 1956, to April 30, 1957.

May

Connie Redman, eighth grade

student at Knox township school received the top award for the best workbook at the Annual Conservation Workbook Award Program held at the 4-H building on Thursday evening, May 9, with 230 people in attendance.

Second and third place plaques in the special county-wide awards went to Dennis Chaney, eighth grader at Green Bay school, and Audrey Pfander, sixth grade student at Franklin township school, respectively.

The plaques were provided by the District as were the three medals for top awards in each of the sixth, seventh and eighth grades and 75 certificates for honorable mentions.

Melvin H. Goeldner, Assistant State Supervisor of Vocational Agriculture, was the guest speaker.

Soil Stewardship booklets and Selected Sermons were distributed to 22 churches. Several pastors

have indicated they will observe Soil Stewardship Week, May 26 to June 2. Others will use the material in connection with Soil Conservation Week in June.

The watershed film, "With Our Own Hands," was shown on May 14 at the regular meeting of the Clarke County Farmers Union with 35 people attending.

On Monday evening, May 20, 20 farmers in the southwest branch of Otter Creek met in the basement of the Osceola Post Office to discuss watershed development. Two films, "With Our Own

Hands" and "From Ridge to River," were shown. A good discussion period followed the films and a great deal of interest was shown.

June

The Osceola Tribune published a special edition during Conservation Week, June 16 to 23. Included were many pictures, articles and advertisements.

July

Three farms were entered in the three divisions of the Iowa Soil Conservation Achievement Awards Program, the contest sponsored by the Des Moines Register and Tribune in cooperation with some of the agricultural agencies and organizations.

Those selected were: Division I. (for owner-operator) George and Larry Casey, Fremont township; Division II. (for tenant operated farms) Howard Mark, owner, and John Bryant, operator, of Washington township; Division III. (for new cooperators) Gerald Pedersen of Osceola township.

Bass fingerlings were distributed from the U. S. Fish and Wildlife Service tank truck on July 2 to 73 cooperators.

August

Miss Patricia Hendrickson, daughter of Mr. and Mrs. Gerald Hendrickson in Knox township, and Miss Sue Powell, daughter of Mr. and Mrs. Virgil Powell in Liberty township, represented Clarke District in the Regional Queen of the Furrow Contest in Oskaloosa on Aug. 10. Eight districts participated with the Warren County contestant, Miss Lu Ann Smith of Carlisle, judged as winner.

The District prepared a soil conservation display which was shown in the booth sponsored by the Clarke County State Bank at the County 4-H Fair, Aug. 13 to 16. A county drainage and soil map showed the proposed Long Creek and Otter Creek watershed areas. Also, good use was made of the automatic slide projector made available by the State SCS office.

(To be continued.)

1957 Soil Conservation Work Shows Good Progress

This is the third in the series of articles in the Osceola newspapers presenting the 1957 annual report of the Clarke County Soil Conservation District as it has been compiled in chronological order by months.

September

Commissioners Doyce Miller and Carl Handrock attended the annual conference of Soil Conservation District Commissioners in Ames on September 9.

At this conference, Howard Mark and John Bryant, Clarke District entrants in Division II of the Register & Tribune contest were announced as winners in Region No. 6 which consists of Clarke, Warren, Madison, Mahaska, Lucas, Monroe, Decatur, Wayne, Appanoose, Marion and Davis counties. Mark and Bryant received awards and due recognition along with other winners from the nine regions in Iowa.

The commissioners selected John Webb, a cooperator in Washington township, to represent Clarke District on the Advisory Board of Management of the Beaconsfield, Iowa Experimental Farm.

On September 19 bluegills and catfish were distributed from the U. S. Fish and Wildlife Service truck to district cooperators.

October

Chairman Carl Handrock and the members of the local county ASC committee attended the Conservation Reserve meeting held at Atlantic, Iowa, on October 16.

Soil moisture conditions have been excellent for all fall seedings and for earth work. Rains stopped the harvest of late beans, but dry weather the last week of October made it possible to finish most of this work. There is considerable concern about the high moisture content of the large grain sorghum crop and much of the corn.

November

Principal activity in November was having a part in the Annual

Farmer-Business Men's Banquet held in the 4-H building on Thursday evening, November 21. Clyde Spry, Iowa's Secretary of Agriculture, was guest speaker. Commissioner Adrian Fuller presented certificates to the Clarke District farmers who were entered in the Register and Tribune contest in July.

The film on watershed development "With Our Own Hands" was shown by Harold Anderson at Osceola's Women's club meeting on Monday evening, November 11.

Commissioner Adrian Fuller and Extension Director Steve Evans showed this film at the Extension Council election meeting held in Knox township.

December

The District purchased 500 copies of "The Wonder of Water" from the Soil Conservation Society of America for distribution in public schools.

Two information meetings were held in the Otter Creek watershed area and one in the Long Creek area with an average attendance of 15 farmers at each meeting. Commissioners Doyce Miller and Adrian Fuller led the discussions with farmers showing a great deal of interest in the proposed projects.

This film was also used by the Murray and Osceola Vocational Agriculture Departments and by the Osceola Lions Club.

(To be concluded)

Figures Show Progress For . . .

County Soil Conservation

This is the fourth and concluding article of a series in the Osceola newspapers presenting the 1957 annual report of the Clarke County Soil Conservation District.

The preceding articles have given a month-by-month account of the highlights of the activities in the soil conservation program within the district. The report showed a year of steady progress with the program in Clarke county.

In the following tables are found the statistics which give a clear picture of the work achieved by the local district during the past year and since the program was started:

Activity	Unit	Accomplished 1957	Accomplished to date
District Cooperators	No.	56	609
Basic Conservation Plans	No.	35	372
Farms Served	No.	347	
Follow-up Contacts	No.	90	
Soil Surveys	No. of farms	29	762
Soil Surveys	No. of acres	5470	149,280
Practice	Unit	In 1957	To Date
Contour Farming	Ac.	1127	32,406
Contour Strip Cropping	Ac.	92	1,489
Standard Terraces	Miles	9.85	94.77
Diversions	Miles	3.9	54.58
Sod Waterways	Acres	32.16	1,365
Concrete Flumes	No.	0	3
Drop Inlet Dams	No.	13	33
Farm Ponds	No.	70	850
Land Smoothing	Ac.	0	175
Tiling	Lineal Ft.	2,286	8,710
Open Drains	Miles	0.69	8.84
Farm Drainage	Acres	16	430
Land Clearing	Acres	322	1,232
Pasture Improvement	Acres	585	3,785
Fish Pond Improvement	Acres	109	386
Wildlife Area Improvement	Acres	148	436
Multiflora Rose Fence	Rods	285	9,723
Tree Planting	Acres	8	11

Bryant ition-Wide Scion Contest

DIRECTORS OF DISTRICT PICK LOCAL ENTRY

Washington Township Farm To Compete With Southern Iowa Entries For Right To Major Honors

John Bryant, Washington township farmer, has been named as the Clarke County Soil Conservation District entry in an annual nation-wide awards program.

The local district is participating for the fifth year in the national contest and the period for which Bryant's farm was selected started on May 1, 1957, and closed yesterday.

In their regular monthly meeting held this week, the district commissioners, Carl Handrock, Adrian Fuller and Doyce Miller, completed a score sheet covering activities and accomplishments of the district in administration, conservation, education and farm planning and application of conservation practices.

The commissioners named Bryant as the district entry for being the outstanding conservation farmer for the contest period. Howard Mark of Casey, Iowa, owns the farm operated by Bryant. Last fall Bryant and Mark were regional winners in another contest for having made the most progress in conservation work on a tenant farm.

Bryant will compete with winners in soil conservation districts in the southern half of Iowa since the state is divided geographically into two competing units in this contest.

He will receive a certificate of merit presented by the sponsor in recognition of his accomplishments.

The first place soil conservation district in each competing unit will be eligible to send one member of its governing body, together with its outstanding cooperating farmer or rancher, on an all-expense paid vacation trip to Litchfield Park, Arizona. A total of one hundred men from every corner of the United States will share this Arizona caravan.

The score sheets for Iowa were submitted to the State Soil Conservation Committee and will be judged by a selected group of men who are leaders in the field of soil and water conservation.

Soil Workbook Awards Planned

All County 7th Graders To Be Honored May 8 At Yearly Event

All Clarke county rural and town pupils in the seventh grade will be honored at the annual Conservation Workbook Award Program to be held on Thursday evening, May 8, at 8 o'clock in the 4-H building in Osceola.

The program has been arranged by the Clarke County Soil Conservation District in cooperation with the Clarke county schools, according to Carl Handrock, chairman of the soil district and Ralph Evans, county superintendent.

Lloyd Smith, of Winterset, county superintendent of schools in Madison county, will be the principal speaker. The program will also include a performance by a rope jumping team from the (Continued on page 4)

Murray schools, as well as tap dancing, baton twirling and musical numbers by pupils from other schools in this county.

All seventh grade pupils have completed conservation workbooks during the current school year. The books will be reviewed by a local committee and students who turned in outstanding books will receive special awards.

The program is open to the public. All teachers, pupils and members of their families are especially invited to attend. Free refreshments will be served.

Workbook Pupils Will Be Honored

Over 100 seventh grade pupils in Clarke county rural and town schools have completed their conservation work books for the current school year.

All of the boys and girls who participated will be honored at the award program Thursday, 8 p. m. at the Osceola 4-H building. Winners will be announced at that time.

The awards provided by the Clarke County Soil Conservation District will be as follows: first place, \$25 Government Savings Bond and Gold Medal; second place, \$25 Government Bond and Silver Medal; third place, Gold Medal; fourth place, Silver Medal; fifth place, Bronze Medal;

honorable mentions, Certificates.

Lloyd Smith of Winterset, superintendent of schools in Madison county and long time conservation leader, will be the featured speaker on the program which is open to the public. Parents and teachers are especially invited to attend.

The books were reviewed and scored by a committee of teachers and conservation leaders Friday night, May 2. Those on the committee were Mrs. Henry Siefkas, Mrs. Clara Benbow, Mrs. Mabel Ransom, Mrs. Helen Lewis, Phyllis Carson, Everett Pierce, Harold Carter, Mrs. Donna Armstrong, Carl Handrock, Mrs. May Cooper, Mrs. Marie Cooper, Mrs. Myrtle Hughes, Miss Mary Delk, Mrs. Mabel Frizzell, Mrs. Glida Boor, Mrs. Cleo O'Neill, Steve Evans, Ralph Evans and Harold Anderson.

The following is the program for the award program:

Master of Ceremonies, Carl Handrock, chairman of the Clarke County Soil Conservation District Commissioners.

Invocation, Father Deere, St. Bernard's Catholic Church of Osceola.

Rope Jumping, Rita Funkhouser, Janice Fulmer, Agnes Garity and Carolyn Graham from the Murray Public School.

Comments, County Superintendent Ralph Evans.

Tap Dancing, Dianne Eddy and Pamela Freundl.

Baton Twirling, Patricia Gray. Address, Lloyd Smith, Superintendent of Schools, Madison county.

Piano Solo, Marcia McCann. Presentation of Awards, Harold Anderson, Work Unit Conservationist.

County Soil Conservation

This is the cluding article Osceola newsp the 1957 annu Clarke County District.

The precedir given a mont count of the l activities in tl

Bryant Farm In Nation-Wide Soil Conservation Contest

Activity	Unit	In 1957	To Date
District Cooperators	No.	56	609
Basic Conservation Plans	No.	35	372
Farms, Serviced	No.	347	
Follow-up Contacts	No.	90	
Soil Surveys	No. of farms	29	762
Soil Surveys	No. of acres	5470	149,280
Practice	Unit	In 1957	To Date
Contour Farming	Ac.	1127	32,406
Contour Strip Cropping	Ac.	92	1,489
Standard Terraces	Miles	9.85	94.77
Diversions	Miles	3.9	54.58
Sod Waterways	Acres	32.16	1,365
Concrete Flumes	No.	0	3
Drop Inlet Dams	No.	13	33
Farm Ponds	No.	70	850
Land Smoothing	Ac.	0	175
Tiling	Lineal Ft.	2,286	8,710
Open Drains	Miles	0.69	8.84
Farm Drainage	Acres	16	430
Land Clearing	Acres	322	1,232
Pasture Improvement	Acres	585	3,785
Fish Pond Improvement	Acres	109	386
Wildlife Area Improvement	Acres	148	436
Multiflora Rose Fence	Rods	285	9,723
Tree Planting	Acres	8	11

DIRECTORS OF DISTRICT PICK LOCAL ENTRY

Washington Township Farm To Compete With Southern Iowa Entries For Right To Major Honors

John Bryant, Washington township farmer, has been named as the Clarke County Soil Conservation District entry in an annual nation-wide awards program.

The local district is participating for the fifth year in the national contest and the period for which Bryant's farm was selected started on May 1, 1957, and closed yesterday.

In their regular monthly meeting held this week, the district commissioners, Carl Handrock, Adrian Fuller and Doyce Miller, completed a score sheet covering activities and accomplishments of the district in administration, conservation, education and farm planning and application of conservation practices.

The commissioners named Bryant as the district entry for being the outstanding conservation farmer for the contest period. Howard Mark of Casey, Iowa, owns the farm operated by Bryant. Last fall Bryant and Mark were regional winners in another contest for having made the most progress in conservation work on a tenant farm.

Bryant will compete with winners in soil conservation districts in the southern half of Iowa since the state is divided geographically into two competing units in this contest.

He will receive a certificate of merit presented by the sponsor in recognition of his accomplishments.

The first place soil conservation district in each competing unit will be eligible to send one member of its governing body, together with its outstanding cooperating farmer or rancher, on an all-expense paid vacation trip to Litchfield Park, Arizona. A total of one hundred men from every corner of the United States will share this Arizona caravan.

The score sheets for Iowa were submitted to the State Soil Conservation Committee and will be judged by a selected group of men who are leaders in the field of soil and water conservation.

Soil Workbook Awards Planned

All County 7th Graders To Be Honored May 8 At Yearly Event

All Clarke county rural and town pupils in the seventh grade will be honored at the annual Conservation Workbook Award Program to be held on Thursday evening, May 8, at 8 o'clock in the 4-H building in Osceola.

The program has been arranged by the Clarke County Soil Conservation District in cooperation with the Clarke county schools, according to Carl Handrock, chairman of the soil district and Ralph Evans, county superintendent.

Lloyd Smith, of Winterset, county superintendent of schools in Madison county, will be the principal speaker. The program will also include a performance by a rope jumping team from the

Murray schools, as well as tap dancing, baton twirling and musical numbers by pupils from other schools in this county.

All seventh grade pupils have completed conservation workbooks during the current school year. The books will be reviewed by a local committee and students who turned in outstanding books will receive special awards.

The program is open to the public. All teachers, pupils and members of their families are especially invited to attend. Free refreshments will be served.

Workbook Pupils Will Be Honored

Over 100 seventh grade pupils in Clarke county rural and town schools have completed their conservation work books for the current school year.

All of the boys and girls who participated will be honored at the award program Thursday, 8 p. m. at the Osceola 4-H building. Winners will be announced at that time.

The awards provided by the Clarke County Soil Conservation District will be as follows: first place, \$25 Government Savings Bond and Gold Medal; second place, \$25 Government Bond and Silver Medal; third place, Gold Medal; fourth place, Silver Medal; fifth place, Bronze Medal;

honorable mentions, Certificates.

Lloyd Smith of Winterset, superintendent of schools in Madison county and long time conservation leader, will be the featured speaker on the program which is open to the public. Parents and teachers are especially invited to attend.

The books were reviewed and scored by a committee of teachers and conservation leaders Friday night, May 2. Those on the committee were Mrs. Henry Siefkas, Mrs. Clara Benbow, Mrs. Mabel Ransom, Mrs. Helen Lewis, Phyllis Carson, Everett Pierce, Harold Carter, Mrs. Donna Armstrong, Carl Handrock, Mrs. May Cooper, Mrs. Marie Cooper, Mrs. Myrtle Hughes, Miss Mary Delk, Mrs. Mabel Frizzell, Mrs. Glida Boor, Mrs. Cleo O'Neill, Steve Evans, Ralph Evans and Harold Anderson.

The following is the program for the award program:

Master of Ceremonies, Carl Handrock, chairman of the Clarke County Soil Conservation District Commissioners.

Invocation, Father Deere, St. Bernard's Catholic Church of Osceola.

Rope Jumping, Rita Funkhouser, Janice Fulmer, Agnes Garity and Carolyn Graham from the Murray Public School.

Comments, County Superintendent Ralph Evans.

Tap Dancing, Dianne Eddy and Pamela Freundl.

Baton Twirling, Patricia Gray. Address, Lloyd Smith, Superintendent of Schools, Madison county.

Piano Solo, Marcia McCann. Presentation of Awards, Harold Anderson, Work Unit Conservationist.

Churches Join Plan Of Soil Stewardship Week

Clarke county's Soil Conservation District is sponsoring observance of National Soil Stewardship Week, May 11 through 18.

The district commissioners, Carl Handrock, Adrian Fuller and Doyce Miller have made Soil Stewardship Week booklets and other related material available to representatives of the various churches in the county.

Throughout the United States, the event is sponsored by the National Association of Soil Conservation Districts and national church organizations.

Donald A. Williams, Administrator of the U. S. Soil Conservation Service, in a special article, explains the background and scope of the observance:

"The growing observance of Na

tional Soil Stewardship Week by both individuals and groups indicates not only man's feeling of kinship to the soil but also society's growing recognition of its dependence on soil and water resources.

"The observance of man's responsibility as steward of our God-given soil and water resources has shown a steady growth. It started in scattered localities under various names before World War II. As the idea spread, organizations, churches, magazines, press, radio, and civic and professional groups adopted it. They found in it a mutual meeting ground — the universal love and respect for life-giving resources."

105 Pupils Praised For Soil Workbooks



Five major prize winners, pupils receiving honorable mention and the Clarke County Soil Conservation District Commissioners are shown at the annual Soil Workbook Award program. The major prize winners in the front row are,

from left: Linda DeLong, Bradley Leeson, Robert Randol, Linda Eddy and Merrilyn Butler. The commissioners in the back row standing behind the honorable mention winners are: Carl Handrock, Adrian Fuller and Doyce Miller.

Five Students Win Major Soil Conservation Awards

Linda DeLong, student in Ward township school, received the top award, a \$25 Government Bond and a gold medal, for the most outstanding workbook at the annual conservation workbook award program held at the 4-H building Thursday evening.

Second place winner was Bradley E. Leeson, student in Woodburn Independent school. His award was a \$25 Government Bond and a silver medal.

Robert Randol of West Concord school in Franklin township, Linda Eddy of Knox township school and Merrilyn Butler of Woodburn Independent school were third, fourth and fifth place winners respectively. Awards were, third place a gold medal, fourth place a silver medal and fifth place a bronze medal.

Forty-nine pupils were given honorable mention certificates. There were 105 books entered in the judging. All included some fine workmanship indicating that the boys and girls put a

great deal of effort into the project during the school year. About 200 persons attended the award program.

All of the prizes were provided by the Clarke County Soil Conservation District.

Lloyd Smith of Winterset, superintendent of schools in Madison county, was the guest speaker. The theme of his talk which included many anecdotes and timely stories was "Where Are You Going?"

Smith commended the pupils for their accomplishments in the field of soil and water conservation. He emphasized the significance of having a goal and a purpose in life, and doing one's very best in school as an important step in reaching the goal.

Honorable mention was given to the following students:

Honorable Mention

Lee H. Allen, Osceola; Barbara Bacon, Osceola; Cheryl Bennett, Green Bay; Mary Jane Bromley, Liberty township; Linda Carpenter, Osceola; Elizabeth Davenport, Osceola; Diana Erlewine, Osceola; Karen Farr, Murray Community; Melanie Fleming, Jackson township; Linda Frame, Osceola; Carol Glazebrook, Doyle;

Shirley Gonseth, Murray; Stephanie Gracey, Osceola; Cheryl Griffin, Jackson; Roger Herndon, Woodburn; Gordon Jones, Woodburn; Joann Kelso, Ward; Earlene Jones, Osceola; Gary Kimes, Liberty; Troy King, Pleasant Ridge; Joe McConnell, Osceola; Jan Moore, Osceola; Keith Morris, Pleasant Ridge; Terry Morris, Osceola; Roland Muselman, Jackson;

Marcia Newman, Vernon, Green Bay; Peggy Nielson, Jackson; Bob Palmer, Osceola; Karen Paul, Osceola; Connie Peed, Osceola; Audrey Pfander, Osceola; Anita Price, Osceola; Don Propst, Osceola; Beverly Reynolds, Osceola; Marie Rinderspacher, Osceola; Dixie Saddoris, Ward; Marcia Shadley, Osceola; Mary Shepherd, Osceola; Connie Shepherd, Osceola; Sheryl Smith, Osceola; Charlene Stearns, Woodburn Ind.; David Stearns, Woodburn Ind.;

Mary Thomas, Osceola; Cheryl Tompkins, Osceola; Marna Touet, Jackson; Wanda Wetterling, Osceola; Linda Wilson, Osceola; Anita Woods, Woodburn Independent; Lorena Woods, Osceola.

Erosion Dam Starts Conservation Season



Construction work was started Monday on an important erosion control dam on the farm of R. M. Heston in Franklin township which marks the start of major projects this season in the Clarke County Soil Conservation District.

Harold Anderson, work unit conservationist for the local soil conservation office, is pictured at left as he made a final check on preparations for the actual start of the dam. Members of a Soil Conservation Department survey crew from the Chariton office were completing their work before earth moving equipment began work.

The erosion control dam is being built on a large north-south gully shown at left in the picture. It is located just west of the main buildings on the Heston farm and will become a major unit in the future operation of the farm, Anderson pointed out.

Heston, who was one of the Clarke county men who circulated the original petitions for the establishment of the local Soil Conservation District a number of years ago, farms 220 acres.

Local Groups Aid Teacher To Attend Soil Camp Classes

Teachers and students who wish to earn college credit this summer can attend the ninth Iowa Teachers Conservation Camp at Springbrook State Park in Guthrie county about 60 miles west of Des Moines. The camp will have three sessions which will begin on June 8th, June 29th and July 20th.

The Clarke County Soil Conservation District and the Clarke County Chapter of the Izaak Walton League will pay part of the cost for one Clarke County teacher who wishes to attend the summer camp, according to Carl Handrock, chairman of the district, and Don Gibson, Izaak Walton League president.

The Soil District will pay tuition for one person and the Izaak Walton League will pay \$25 toward cost of board and room. Tuition for each session is \$36 for undergraduates or \$42 for persons holding degrees. Board and room amount to \$56.04. There is also an industrial shop fee of \$2.50. Only other costs are transportation to and from the camp and optional expenditures such as for books, craft supplies, raw materials for making teaching aids, etc.

There are several scholarships awarded from a control fund deposited at Iowa State Teachers College. For these, teachers may write to George W. Worley, Camp Director, Science Department, Iowa State Teachers College.

Three semester hours of college credit are given through Iowa State Teachers College for completion of each three-week session. Teachers may attend two three-week sessions to obtain a total of six semester hours of college credit. This ordinarily meets requirements for renewal of certificates. Both courses are acceptable as natural science requirements for certification.

Following are the courses offered:

Biology 105 — Iowa Conservation Problems A — 1st Session — June 8 - June 28.

Biology 104 — Iowa Conservation Problems B — 2nd Session — June 28 - July 19.

Biology 105 — Iowa Conservation Problems A — 3rd Session — July 20 - Aug. 9.

Major fields emphasized in Biology 105 are rocks and minerals, soil, water and forests. In Biology 104 soil nutrients, balance in nature, and wildlife are stressed.

For further information, anyone interested may contact Ralph Evans, county superintendent; Steve Evans, county extension director, or Harold Anderson, coun-

COUNTY ASC PREPARES FOR ANNUAL VOTE

County Committee Setting Up Township Nominations For Elections To Select Boards For Year

Plans for holding the annual ASC elections in the townships and the annual ASC county convention were announced this week by Floyd E. Mason, chairman of the county ASC committee.

The period for voting in the township elections will be from June 28 through July 7. The county convention will be held on July 26 in Osceola.

Supervision and direction of the elections are in charge of a county election board composed of officially designated persons outside the ASC organization. Under this plan, Steve Evans, county Extension Service director, will serve as chairman. Other election board members are Harold Anderson, local head of the Soil Conservation Service, and Willis Leeson, Farmers Home Administration supervisor for this county. Formerly organized county units of national farm organizations may each have a representative on the election board.

An ASC community committee consisting of a chairman, vice chairman and regular member will be elected in each township. Voting for community committeemen will be done by mail, the same as in recent years, with the county ASC office sending a secret ballot and return envelope to every eligible voter on its records. The ballots will be mailed out by June 27. To encourage farmers to participate in the ASC elections, the return envelopes will be the type requiring no stamp or payment of postage.

At the county convention, a county ASC committee consisting of a chairman, vice chairman and regular member, as well as first and second alternate members, will be elected.

The county and community committees administer the federal government's price support, wool incentive, soil bank, acreage allotment and cost-sharing conservation programs on the local level. Members of both the county and community committees will be elected for one-year terms beginning Aug. 1. However, newly elected chairmen and vice chairmen of the community committees will serve as delegates and alternate delegates to the county convention.

Dates and procedure for the annual township elections and county conventions will be the same in all counties of the state. The general rules on eligibility to vote and hold office will be the same as last year. There are no restrictions on the number of terms an eligible person may serve on either his county or community committee.

The county election board has appointed a community election board in each township, composed of three farmers who are not incumbent ASC officers.

2,000 Conservation Plans Working On Farms In Iowa

Farmers in Iowa's 100 soil conservation districts have helped plan and supervise the installation of nearly 19,000 farm ponds for livestock water, erosion control and other uses.

Other conservation accomplishments include more than 255,000 acres of strip cropping, 364,000 rods of hedgerow plantings and nearly 31,000 acres of wildlife areas.

Farmers have built more than 46,000 water-control structures, according to Wilcox. Some of these structures lower water safely, some are for water storage, while others detain water temporarily to reduce peak flows.

"Iowa is one of the foremost states in total conservation achievement," Wilcox said. "More than 64,000 farmers are cooperating with their soil conservation district by applying complete conservation plans or practices leading to the development of complete plans."

Terracing is one of Iowa's most important soil conservation practices, according to Wilcox. The 32,600 miles constructed to date protect about 400,000 acres of crop land.

Nearly all farm conservation plans specify grassed waterways to prevent gully in natural draws. "Nearly 100,000 acres of grassed waterways have been constructed to date on Iowa farms," Wilcox said.

Soil Conservation Service technicians assigned to soil conser-

Erosion Control Dam Changes Heston Farm

6-17-57



Construction of a drop-inlet dam on the R. M. Heston farm in Franklin township this spring under the soil and water conservation program will serve a triple purpose on the Clarke county land.

On the site of a former gully, the dam will control erosion, furnish water for livestock through a 14 inch pipe in the earth fill, and provide an attractive recreational area.

In cooperation with the Clarke County Soil Conservation District office, the dam was constructed to erase the gully and to change the erosion spot into a water supply and pond that is conveniently located just west of the Heston residence on the 222-acre farm.

When it reaches the permanent drop-inlet spillway level, the water will have a surface area of nearly two acres. It will be 16 feet at the deepest point.

The dam and pond will handle water draining from 63 acres of land and controls five overfalls which existed in the main gully and in two side branches.

The area has been fenced and seeded and the pond will be stocked with bass, bluegill and catfish later this year.

The Heston project was com-



The top picture was taken April 18 on the R. M. Heston farm in Franklin township. Two weeks later the bottom picture was taken of the same area after construction of an erosion control drop inlet dam had been completed.

★

★

pleted under a cost-sharing plan through the Clarke County ASC office. Fish for the pond will be provided by the U. S. Department of Interior, Fish and Wildlife Service, through the Clarke County Soil Conservation District.

Watershed Programs Being Fitted Into Conservation

By Frank H. Mendell
State Conservationist
U. S. Soil Conservation Service

Soil conservation district commissioners throughout Iowa are fitting the watershed program into district operations.

This program fills the gap between land treatment measures — such as crop rotations, terraces and waterways — and structures on the main stems of major streams.

Watershed programs are now in operation in the Little Sioux Flood Prevention Project in northwest Iowa and in the pilot watersheds developed under federal Public Law 566.

In the pilot watersheds — Honey Creek near Chariton, Mule Creek near Malvern, Upper Plymouth east of LeMars and Nassau south of Orange City — all of the structural measures have been applied. A majority of the land treatment has also been applied on the farm land.

In the Little Sioux Project, construction work has been completed in 28 sub-watersheds, ranging in size from 500 to 6,000 acres. Land treatment measures have generally been applied in these treated watersheds. Good progress is being made in at least 80 additional sub-watersheds.

Under Public Law 556, as amended by Congress, 18 watersheds that have made formal requests for assistance have been cleared by the State Soil Conservation Committee and recommended to the Soil Conservation Practice Service for the development of work plans. The administrator of the Soil Conservation Service, Don Williams, has authorized nine of these watersheds for planning. The work plans for three of these nine have been completed and approved. These three have been authorized for operations.

In the Harmony Watershed all contracts for construction work have been awarded. Plans are being made for construction to get under way in Rocky Branch Creek Watershed north of Fairfield and in the Simpson Creek Watershed south of Sidney.

Watersheds on which work plans are now being developed are Big Creek near Lamoni, Crooked Creek near Adair, Indian

Creek at Council Bluffs, Big Park near Dow City, and Picayune near Woodbine. Other watersheds approved by the State Soil Conservation Committee are Badger Creek near Winterset, David's Creek above Exira, Blue Grass near Audubon, Big Wyacondah near Bloomfield, Mill Creek near Dunlap, Battle Creek above Soldier, Hinton Creek near Hinton, and Hamburg Watershed above the town of Hamburg. Work plans will be developed on these as rapidly as possible.

Cost-sharing through the Agricultural Conservation Program, educational help through the Cooperative Extension Service, and technical help from the Soil Con-

servation Service are the major sources of help available to farmers in planning and applying needed conservation measures on their farms.

Technical and financial help is available for this program from the United States Department of Agriculture through the Soil Conservation Service. This service aids in planning and installing structural measures that affect more than one farm and are primarily for watershed protection and flood prevention.

Progress Shown On County Farms For . . .

Soil Conservation Week

6-17-58

Brierly Plants On Terrace

Observance of Soil and Water Conservation Week in Iowa — June 15-21—found records at the Clarke County Soil Conservation District office in Osceola showing a steady increase in the amount of work being done on local farms under the program.

Harold Anderson, Work Unit Conservationist of the local district, summed up the progress being shown in Clarke county in the following resume of soil and water conservation practices now in effect and being planned over the district:

Thus far 1958 has been an excellent year for soil conservation work in Clarke county.

Weather and moisture conditions have been nearly ideal for the operation of bulldozers and other heavy equipment.

Live stock prices have been favorable, assuring farmers of an adequate income. The Clarke county ASC committee has made cost-sharing assistance available. U. S. Soil Conservation Service personnel assigned to the Clarke County Soil Conservation District, have furnished the technical help necessary to lay out and check the various conservation practices.

As of May 31, twelve farmers have developed complete conservation plans for their farms this year. A total of 63 farmers have installed practices with which they needed lay-out assistance.

Pond building continues to be a high priority practice with Clarke county farmers. Forty-seven farm ponds have been built, principally to provide a water supply for livestock. Actually, the ponds serve a triple purpose. After the ponds are fenced, they become valuable wildlife areas, especially where wildlife plantings are made within the areas, which many farmers have done. Also, most ponds provide some erosion control as they are usually located in gullies which are eating back into valuable upland.

The drop inlet type of erosion control dam is also gaining favor with farmers, in that this type of structure can be designed for various sized drainage areas which are encountered. Most farmers install livestock water pipe in these structures as well, as they also furnish a dependable supply of water.

At the end of 1957, thirty-three such dams had been installed in various parts of Clarke county during past years. Four additional structures have been put in this spring and two more are currently under construction.

Over six miles of standard terraces were completed by the end of May. This is the most terracing ever done in a corresponding period. Farmers are recognizing the value of standard terraces as the most effective practice for controlling sheet erosion on valuable sloping cropland.

Other accomplishments on which SCS has given technical assistance include over two miles of diversion terraces, nearly 16 acres of established waterways, over one-half mile of open drainage ditches, 49 acres of strip cropping and 572 acres of contour farming.



As a part of the conservation program on his Jackson township farm, Russell Brierly is pictured as he planted corn this spring on a part of his terraced fields. The four-row planter shows how the broad channel and ridge and the gentle front and back slope permits efficient use of modern equipment on terraced fields.

Terracing Cuts Loss On Farms

Under a basic plan worked out in August, 1957, the farm of Russell Brierly in Jackson township has been cited as one of the typical examples of soil conservation practices at work in Clarke county.

On his 320-acre farm, Brierly has worked out a conservation plan in cooperation with the Clarke County Soil Conservation District that includes a pond, grassed waterways and standard terraces.

More than 1½ miles of standard terraces were built last fall with a bulldozer.

Harold Anderson, work unit conservationist for the Clarke county district, has pointed out that the Brierly farm demonstrates that the standard terrace is the most effective mechanical practice for controlling sheet erosion on cropland. Soil losses in terraced fields can be reduced 90 per cent as compared to losses in fields farmed up and down hills, he declared.

With cost-sharing assistance provided through the Clarke county ASC office, Brierly has established a farm pond, renovated 70 acres of permanent pasture and established excellent grassed waterways, most of them seeded to Reed Canary grass.

Brierly is a leader in the proposed Otter Creek watershed area and a newly appointed assistant soil district director.

Judging Finished On Workbooks

Name Pupils Who Compiled Best Conservation Workbooks

Clarke county school pupils who compiled Conservation workbooks during the past year that have been judged deserving of recognition have been listed by the judging committee.

The work on the books was outstanding on an average, the committee said in recognizing the work of the following pupils:

Donna Adams, Knox; Ray Adams, Doyle; Peggy Allen, Osceola; Alberta Ashford, Murray; Cathy Brammer, Murray; Caroletta Brown, Murray; Jerald Cartwright, Vernon; Cheryl Chew, Osceola; David Cook, Fremont; Jane Cooley, Osceola; Jerry Davidson, Murray;

Linda Draper, Osceola; Steve Eck, Osceola; David Fenn, Murray; Max Fenn, Murray; Patricia Fouche, Osceola; Tracy Fulmer, Murray; Agnes Garity, Murray; Leland George, Vernon; Gary Glascock, Liberty; Jane Goodner, Jackson; Ramona Goodrich, Osceola; Janice Hahn, Osceola; Emil Harders, Murray;

Betty Hembry, Osceola; Bradley Hill, Osceola; Roberta Hill, Murray; Katy Horton, Osceola; Jerry Husted, Murray; Don Klemme, Osceola; Pauline Lee, Murray; Larry Mateer, Osceola; Lewis Mateer, Osceola; Linda Mateer, Osceola; Vernon McKnight, Osceola;

Harvey Miller, Ward; Donna Mills, Murray; Judy Porter, Osceola; Charles Propst, Knox; Richard Querrey, Osceola; Nelson Ransom, Liberty; Leslie Rarick, Murray; Steven Rider, Murray; Terry Robins, Murray; Stevie Ruble, Osceola;

Alan Saddoris, Fremont; Betty Schaff, Osceola; Rosalee Sklenar, Knox; Mary Strubhar, Murray; Jayson Wick, Murray, and Tony Wilder, Osceola.

Soil Conservation Week Emphasized . . . 6-19-58 One-Crop Economy 'Killed' Mayan People

How and why the ancient Mayan civilization, based on a "one-crop" economy, decayed because of mismanagement of the soil is pertinent this week, as Iowa observes its annual "Soil Conservation Week!"

By Frank Abbott

Geographies of 50 years ago made some small mention of ancient Mayan ruins in Central America and I recall our histories showed some photos of jungle-covered ruins and brief accounts of an ancient race that preceded the Aztecs.

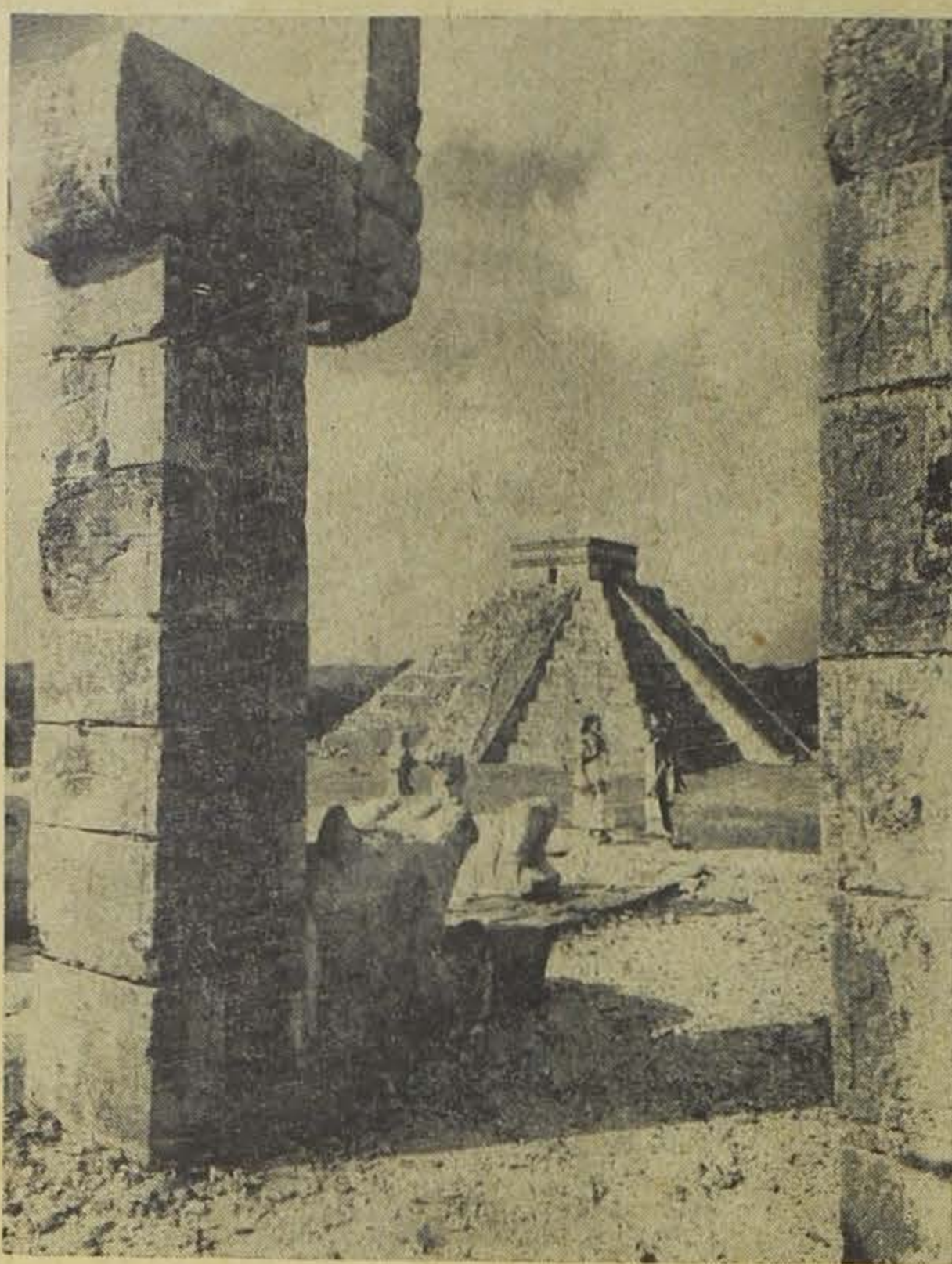
Lack of information in the texts of a half century ago is understandable since it was not until 1923 that the Mexican government, cooperating with the Carnegie Institute, started extensive explorations of the ruins in Yucatan.

So it was nearly all new to us on the National Editorial Association Good Will tour of Central America recently when we spent two days at the principal ruins in Yucatan.

Naturally a two-day visit to ruins that have been the subject of intense study and restoration for 35 years, could not give a very clear understanding of their history and meaning.

This corn-belt editor, however, did gain one clear impression. That is that civilization without fertile land cannot exist.

It appears the first civilization in that area of which there is evidence, began in Yucatan about 1,000 years before the birth of Christ. The Mayan was a "one-crop" farmer—he still is—



An amazing structure, even by today's standards, is El Castillo, a tremendous, square pyramid-temple at Chichen Itza, Yucatan, Mexico. It is only one of many ruins of the Mayan civilization that disappeared when the soil would no longer grow enough food for the people. This photo was taken from the top of another structure nearly as high as the pyramid, known as "The Temple of the Warriors."

These and other ruins were visited by the National Editorial Association good-will tour of Central America in March.

Here's More About Mayan

(Continued From Page 1)

6-19-58
and that crop is corn. During the dry season he would deaden the jungle trees and just before the rains started, but he died of trees and brush he had killed. In the ashes of this burn he planted his seed; the rains came and in the autumn he harvested the grain and prepared more of the jungle for spring burning.

All he needed in the way of tools was a stone hatchet to girdle the trees and a pointed stick to make holes for his seed.

Under this system he thrived greatly for there was a seemingly limitless area of jungle to farm. On this one-crop economy there evolved a complex civilization that began to take concrete form about 500 years after the birth of Christ.

Eventually a written language was evolved and books were written on primitive paper. Unfortunately the Spanish conquerors, with religious zeal, burned and razed everything connected with Mayan and other pagan creeds, so the historical record was lost forever. Archeologists have not yet been able to decipher the few remaining scraps of writing and hieroglyphics, so most of the concept of how the Indians lived must be based on conjecture.

It appears that the thin soil of the jungle would grow corn for only two or three years and then was allowed to revert to jungle for many years. (The original "Land Bank," it would seem.) When it had grown back to trees it would again be cleared and the patient Indian again harvest his rich crop.

After several such cycles the farmer found he had destroyed the trees and brush and in its place came a coarse jungle grass. Since he had no plows and beasts of burden he was stopped cold.

When this occurred he packed up his few belongings and moved away, leaving his temples, pyramids and athletic stadia to be quickly overgrown by jungle vines.

After hundreds of years the jungle would replenish the soil and back would come the Indians. Soon the community would be thriving as it had before. The jungle growth would be cleared from around the ruins of the ancestral worshiping places and new and larger edifices erected over them.

Thus at Chichen Itza, the first group of ruins we visited, there are six smaller pyramids under the ruins of the last, seven in all!

Looking out over the seemingly endless miles of Yucatan jungle from the top of the Temple of the Warriors, unexcavated ruins can be seen as far as the eye can reach although those here and at Uxmal are apparently the most extensive and the only ones that have been restored to any extent.

No Rivers

Yucatan, lying only a few feet above sea level, is almost perfectly flat. Under the thin layer of soil is porous limestone that soaks up the tropical rains, eliminating the need for creeks and rivers. One drives for miles after mile without crossing a single bridge.

Resemble Egyptian Pyramids

Two things about the ruins impressed us. First was their similarity to the Egyptian pyramids along the Nile. The other was the immensity of the structures. The pyramid pictured is 75 feet high and the one at Uxmal much taller.

No one knows whether the Mayans were influenced in their building by some knowledge of Egypt or if two civilizations in their development passed through similar stages of worship.

Archeologists have estimated the actual use of the buildings and temples ended about a hundred years before the arrival of the Spaniards in the 16th century. There are numerous factors in the decline of the ancient civilization such as invasion of war-like tribes from the north and feuds among the ruling classes. However, the most important would seem to be the inability of the land to furnish food for the population.

When the Spaniards arrived they found the Mayan civilization practically non-existent and the temples, pyramids and other structures overgrown by the jungle. Had this not been true it is evident the invaders would have done a much more thorough job of destruction than the jungle could ever do.

Knew Astronomy

One wonders how the primitive Indians could have learned so much about building, agriculture, astronomy, sculpture and mathematics as they must have known. For instance the buildings are built on compass correct directions and are architecturally exact in their dimensions. One building, a huge affair, is known as the observatory. Through slits in its round tower the sun and planets can be seen at specified times of the year.

It was necessary that the Indian have an exact record of the seasons, since he must plant his corn just before the rains come and these begin at about the same date each year. Hence priests by watching the shadow of the sun through the windows of this observatory could tell when to plant and when to burn the jungle.

A different form of civilization has arisen since the coming of the Spaniards and the growth of the Mexican government. The native of Yucatan today goes to school, through the 6th grade, he lives in villages that are quite modern by comparison, in that there are schools, churches and markets. He lives, tho, in round huts with conical thatched roofs much like those of his ancestors. We saw portions of the jungle ready for spring burning and other tracts that were in cultivation. Corn is still the only grain crop in evidence.

Good Cattle

In the villages there are good sized herds of cattle that appear to be not too poor in quality—a mixture of Brahma and dairy stock it would seem. At night the cattle are turned out to graze and they roam the highway at will. In the 75-mile trip from Merida, the capital, to the ruins at Chichen Itza, which we made after dark, we met not more than a dozen or so cars and trucks, but there were hundreds of dark colored cattle in the road, necessitating a speed of about 30 miles an hour. Time after time our driver swerved just in

growing the crop is in the hands of large corporations or wealthy individuals.

I think the newspaper men returned home with an even firmer conviction that in spite of modern shifts in emphasis, all civilizations are and must continue to be, based on a fertile soil, properly maintained so it will furnish ample food not only for the present but for the future as well.

Conservation Plan Starts On 400 Acres . 6-24-58

Erosion Dam Finished On Drennen Farm

Completion of a drop-inlet erosion control dam marks a major step in the conservation program that is under way on the J. W. Drennen Estate farm in Washington township.

Lester Drennen is administrator of the property on which application has been made for a basic conservation plan in cooperation with the Clarke County Soil Conservation District, according to Harold Anderson, work unit conservationist for the local office.

Installation of the large earth fill with the drop-inlet spillway has completely changed the erosion picture on a major area of the farm. Forty-six acres will drain into the control pond and the surface area of the water at the drop-inlet spillway level will be about one acre. The deepest point will be about 15 feet.

A pipe 11 inches in diameter passes through the earth fill of the dam to provide water for livestock. The area involved in the construction project is to be seeded and the pond and fill will be fenced to exclude livestock.

A similar control dam structure was built in another large gully on the Drennen farm three years ago to stop further erosion from the same source.

Anderson said that a comprehensive conservation plan is now being worked out for the Drennen farm but that it was decided to proceed with the dam structure work before the entire farm program is completed and launched.

The dam structure was built on a cost-sharing plan through the local ASC office.



Large gully area on the J. W. Drennen Estate farm in Washington township before conservation project was started.



The same area on the Drennen land after construction of a drop inlet erosion control dam that will drain 46 acres.

Local Committee Studies Needs Of Conservation

6-24-58

Work is well underway in Clarke county on its part of a huge nation-wide inventory of Soil and Water Conservation Needs under the direction of the U. S. Department of Agriculture.

The inventory is being made by state and county needs committees consisting of representatives of the various agencies. The study was started early this year in Clarke county by the local needs committee.

Members of the local committee are Soil Conservation District commissioners, Carl Handrock, Ardian Fuller, Doyce Miller; County ASC committeemen, Floyd Mason, Eddie Liggitt, Mer-

rill McCarty; County ASC Office Manager Charles Bacon; County Extension Director Steve Evans; FHA Supervisor Willis Leeson; and Soil Conservation Service staff members, E. E. Smith, Jr., Harold M. Anderson, T. J. Laing and Ronald Rowland.

The objective of the movement is the collection of facts regarding soil and water resources, the problems in their use, and an estimate of the areas needing treatment necessary to maintain and improve their service for all the people living within the areas.

In line with the present trend of annual population increase, it is assumed that by 1975 an increase in farm output of around 30 per cent will be needed to meet projected requirements of the people.

The inventory includes two major types of estimates, namely (1) an inventory of land use, conservation problems and acreage needing treatment; (2) and inventory of watershed project needs.

The estimates being made in Clarke County include:

1. The present acreage in major land uses and the acreage of each land use on various kinds of soil.

2. The changes in land use that can be expected by 1975.

3. The acreages of land by kinds of problems and need for treatment, based on the expected uses in 1975, to provide the desired level of conservation. This estimate excludes the needs that were met before Jan. 1, 1958.

Nationwide, the goal for completion of the inventory is Dec. 31, 1959. The phase of the project which is underway in Clarke County will be finished sometime this year.

The department agencies concerned with land use, soil and water conservation and the management of land resources which are cooperating in this endeavor are: Agricultural Conservation Program Service, Agricultural Research Service, Commodity Stabilization Service, Federal Extension Service, Farmers Home Administration, Forest Service and Soil Conservation Service. Other agencies of the department are called upon where they can make a contribution. The Soil Conservation Service is assigned responsibility for leadership.

Mayan

(Continued From Page 1)

and that crop is corn. During the dry season he would deaden the jungle trees and just before the rains started, but he dried out trees and brush he had killed. In the ashes of this burn he planted his seed; the rains came and in the autumn he harvested the grain and prepared more of the jungle for spring burning.

All he needed in the way of tools was a stone hatchet to girdle the trees and a pointed stick to make holes for his seed.

Under this system he thrived greatly for there was a seemingly limitless area of jungle to farm. On this one-crop economy there evolved a complex civilization that began to take concrete form about 500 years after the birth of Christ.

Eventually a written language was evolved and books were written on primitive paper. Unfortunately the Spanish conquerors, with religious zeal, burned and razed everything connected with Mayan and other pagan creeds, so the historical record was lost forever. Archeologists have not yet been able to decipher the few remaining scraps of writing and hieroglyphics, so most of the concept of how the Indians lived must be based on conjecture.

It appears that the thin soil of the jungle would grow corn for only two or three years and then was allowed to revert to jungle for many years. (The original "Land Bank," it would seem.) When it had grown back to trees it would again be cleared and the patient Indian again harvest his rich crop.

After several such cycles the farmer found he had destroyed the trees and brush and in its place came a coarse jungle grass. Since he had no plows and beasts of burden he was stopped cold.

When this occurred he packed up his few belongings and moved away, leaving his temples, pyramids and athletic stadia to be quickly overgrown by jungle vines.

After hundreds of years the jungle would replenish the soil and back would come the Indians. Soon the community would be thriving as it had before. The jungle growth would be cleared from around the ruins of the ancestral worshiping places and new and larger edifices erected over them.

Thus at Chichen Itza, the first group of ruins we visited, there are six smaller pyramids under the ruins of the last, seven in all!

Looking out over the seemingly endless miles of Yucatan jungle from the top of the Temple of the Warriors, unexcavated ruins can be seen as far as the eye can reach although those here and at Uxmal are apparently the most extensive and the only ones that have been restored to any extent.

No Rivers

Yucatan, lying only a few feet above sea level, is almost perfectly flat. Under the thin layer of soil is porous limestone that soaks up the tropical rains, eliminating the need for creeks and rivers. One drives for mile after mile without crossing a single bridge.

From about November to May it seldom rains but during the summer and autumn months up to a hundred inches of rain falls. This would mean tremendous flood and drainage problems in almost any other kind of terrain, but there the sponge-like rocks quickly absorb it.

Occasionally a cap of this limestone caves in and forms a natural well. The water level is about 60 feet below the surface and appears unlimited in quantity. It was from these wells the natives took their water for domestic use.

At the Chichen Itza ruins there is one well that is thought to have been sacred. Legend has it that in times of drouth maidens were thrown into this pool to appease the rain gods. Ruins of the sacrificial altar can still be seen on the brink of the well. The legend says that if the maiden managed to remain afloat until evening she would be fished out and then had her pick of any eligible male in the community for a husband.

Resemble Egyptian Pyramids

Two things about the ruins impressed us. First was their similarity to the Egyptian pyramids along the Nile. The other was the immensity of the structures. The pyramid pictured is 75 feet high and the one at Uxmal much taller.

No one knows whether the Mayans were influenced in their building by some knowledge of Egypt or if two civilizations in their development passed through similar stages of worship.

Archeologists have estimated the actual use of the buildings and temples ended about a hundred years before the arrival of the Spaniards in the 16th century. There are numerous factors in the decline of the ancient civilization such as invasion of war-like tribes from the north and feuds among the ruling classes. However, the most important would seem to be the inability of the land to furnish food for the population.

When the Spaniards arrived they found the Mayan civilization practically non-existent and the temples, pyramids and other structures overgrown by the jungle. Had this not been true it is evident the invaders would have done a much more thorough job of destruction than the jungle could ever do.

Knew Astronomy

One wonders how the primitive Indians could have learned so much about building, agriculture, astronomy, sculpture and mathematics as they must have known. For instance the buildings are built on compass correct directions and are architecturally exact in their dimensions. One building, a huge affair, is known as the observatory. Through slits in its round tower the sun and planets can be seen at specified times of the year.

It was necessary that the Indian have an exact record of the seasons, since he must plant his corn just before the rains come and these begin at about the same date each year. Hence priests by watching the shadow of the sun through the windows of this observatory could tell when to plant and when to burn the jungle.

A different form of civilization has arisen since the coming of the Spaniards and the growth of the Mexican government. The native of Yucatan today goes to school, through the 6th grade, he lives in villages that are quite modern by comparison, in that there are schools, churches and markets. He lives, too, in round huts with conical thatched roofs much like those of his ancestors. We saw portions of the jungle ready for spring burning and other tracts that were in cultivation. Corn is still the only grain crop in evidence.

Good Cattle

In the villages there are good sized herds of cattle that appear to be not too poor in quality—a mixture of Brahma and dairy stock it would seem. At night the cattle are turned out to graze and they roam the highway at will. In the 75-mile trip from Merida, the capital, to the ruins at Chichen Itza, which we made after dark, we met not more than a dozen or so cars and trucks, but there were hundreds of dark colored cattle in the road, necessitating a speed of about 30 miles an hour. Time after time our driver swerved just in time to miss one of the long horned beasts that loomed up in the headlights.

A crop that survives the depletion of the jungle soil is the sisal from which binding twine is made. We saw thousands of acres of this plant. It furnishes work for the natives but no food. Because of its long period of cultivation before coming into production (seven years), the native has neither the capital nor the patience to grow it, so the land

growing the crop is in the hands of large corporations or wealthy individuals.

I think the newspaper men returned home with an even firmer conviction that in spite of modern shifts in emphasis, all civilizations are and must continue to be, based on a fertile soil, properly maintained so it will furnish ample food not only for the present but for the future as well.

County Girls Invited To Be 'Furrow Queen' Candidates

Clarke county girls who will compete for the honor of being Iowa's "Queen of the Furrow" are being invited to make their entry applications from now until July 15, according to Harold Anderson, work unit conservationist of the Clarke Soil Conservation District.

Selection of the local queen candidate to enter the regional contest will be made as a feature of the Osceola Band Concert program on the evening of July 16.

Application blanks may be secured from Mrs. Donna Armstrong, clerk of the local soil district, at the Osceola office in the basement of the post office building.

Anderson said that the local

contest would be sponsored by the Clarke Soil District in cooperation with the American Fence manufacturers.

To be eligible for the contest, the girls must be single, 16 through 21 years of age, and live on a farm in Clarke county.

Contestants will be judged on natural attractiveness, poise, intelligence and personality.

Two candidates will be selected here to represent the district in the regional contest on Aug. 8 as a feature of the Warren County Fair at Indianola. Winners in the regional contests will compete for the state queen title on Sept. 7 at Cedar Rapids during the annual soil commissioners conference.

County Queen Contest Is Under Way For Farm Girls

Plans to select Clarke county's "Queen of the Furrow" candidates as a feature of the Osceola Band Concert program on Wednesday, July 16, were made Monday night at a meeting of the Clarke County Soil Conservation District officers and committee members.

Queen candidates among Clarke county girls are being urged to secure application entry blanks this week at the County Extension Office in the court house or at the Soil Conservation Office in the basement of the post office building.

Entries will close next Monday evening, July 14, and all local girls are eligible who live on a farm in Clarke county, are 16 through 21 years of age, and unmarried.

Ward Reynoldson will be master of ceremonies at the July 16 selection of the two local candidates who will go into the re-

gional competition during the Warren County Fair in August. Gerald "Bud" Miller, chairman of the band special events committee, is in charge of the arrangements. They completed plans at the meeting with Carl Handrock, chairman, and Doyce Miller, conservation directors, and Harold Anderson, work unit conservationist.

The winners of the regional contest will receive a 21-jewel wrist watch and a chance to compete in the contest finals at the Roosevelt Hotel in Cedar Rapids on Sept. 7.

The contest is designed to further acquaint the public with the importance of soil and water conservation.

The "Queen" will receive a glamorous wardrobe and the opportunity to appear as hostess for the Iowa State Soil Districts Field Days and Plowing Matches to be held in Washington county on Sept. 12.

QUEENS WILL COMPETE IN CITY JULY 16

Clarke County Farm Girls Get Entry Applications For Contest To Feature Band Concert

Entry applications were distributed to all 4-H club leaders in Clarke county Wednesday and a number of entries are expected for the county's "Queen of the Furrow" contest to be held as a feature of the Osceola Band Concert program on Wednesday evening, July 16.

Harold Anderson, work unit conservationist of the Clarke Soil Conservation District, local sponsors of the contest, said that all eligible Clarke county farm girls are being urged to enter the local contest which will pick two candidates for the regional competition.

Entries in the local queen contest will close next Tuesday evening, July 15, and all local girls are eligible who live on a farm in Clarke county, are 16 through 21 years of age, and unmarried.

The entry blanks may be secured from the local 4-H club leaders or at the County Extension Office in the court house or the Soil Conservation office in the basement of the post office building.

An interesting program is being arranged in conjunction with the Osceola band for the judging of the queen contest. Ward Reynoldson will be master of ceremonies for the event during which the two Clarke county queen candidates will be selected to enter the regional competition to be held during the Warren County Fair in August in Indianola.

The winners of the regional contest will receive a 21-jewel wrist watch and a chance to compete in the contest finals at the Roosevelt Hotel in Cedar Rapids on Sept. 7.

The contest is designed to further acquaint the public with the importance of soil and water conservation.

The "Queen" will receive a glamorous wardrobe and the opportunity to appear as hostess for the Iowa State Soil Districts Field Days and Plowing Matches to be held in Washington county on Sept. 12.

Furrow Queen Contest Slated

State-Wide Competition Picks Conservation Queen For Iowa

For the third successive year, Iowa will be the scene of a state-wide "Queen of the Furrow" contest co-sponsored by the Soil Conservation Districts of Iowa and U. S. Steel's American Fence dealers. It was announced by the State Soil Conservation Committee.

More than 80 district contests will be held during the months of June and July. At these colorful events two girls will be chosen to represent the district at one of nine regional contests.

Regional contests will be held at the following fairs: O'Brien County Fair, Primghar, Aug. 12; Audubon County Fair, Audubon, Aug. 19; Page County Fair, Clarinda, Aug. 15; North Iowa Fair, Mason City, Aug. 7; Boone County Fair, Boone, Aug. 11.

Warren County Fair, Indianola, Aug. 8; Winneshiek County Fair, Decorah, Aug. 16; All-Iowa Fair, Cedar Rapids, Aug. 13; West Liberty Fair, West Liberty, Aug. 18.

The winners of the regional contests will receive 21-jewel wrist watches and a chance to compete in the finals at the Roosevelt Hotel in Cedar Rapids, Iowa, on Sept. 7.

Among her prizes, the "Queen" will receive a glamorous wardrobe and will be hostess and honored guest at the Annual Conference of Soil Conservation Districts Commissioners to be held in Cedar Rapids, Sept. 7, 8 and 9.

The 1956 and 1957 "Queens," Kay Butler Bunting of Oskaloosa and Carol Coleman Ziegler of Olin, gained national recognition for themselves and for the state of Iowa.

The "Queen" must be single, between the ages of 16 and 21, and live on a farm in Iowa in order to participate. She will be chosen for her natural attractiveness, poise, personality and intelligence. Applicants must register on official entry cards available at district soil conservation offices and local American Fence dealers.

Terracing On Luce Farm



Partially completed standard terraces are shown under construction on a field of the Carl Luce farm in Green Bay township this spring. Harold Anderson, work unit conservationist of the Clarke County Soil Conservation District, demonstrates the terrace depth as it was being built with the use of a road maintainer.

Iowa Soil Conservation Program Helped By Interest In Contests

By: William H. Greiner, Soil Conservation Committee

Contests have proved to be a valuable asset to Iowa soil conservation districts.

Many of Iowa's 100 soil conservation districts and their commissioners look upon these contests and activities as valuable ways to expand their district programs. They recognize outstanding district commissioners, and farmers who have applied outstanding soil and water conservation practices to their farm lands. Some of the contests are state-wide and some are on a local area basis.

Many districts participate in the Goodyear Contest. This is held on a state-wide and national basis. Each year representatives of two soil conservation districts in Iowa are awarded a trip by the Goodyear Tire and Rubber Company to Litchfield Park, Ariz. This contest is divided into a northern area and the southern area in Iowa. Last year's winner in the northern area was the Franklin County soil conservation district. The Crawford County soil conservation district won in the southern area.

Another state-wide contest is the Des Moines Register and Tribune and Iowa Farm and Home Register Iowa Soil Conservation Achievement Awards program. The contest has three phases: The owner-operator division, landlord-tenant division, and the new cooperator division. A sweepstakes winner is selected out of these three divisions. Last year's state award went to the Lyle Mincer family of Carson, in the East Pottawattamie County Soil Conservation District.

During the past two years the "Queen of the Furrow" contest has been sponsored by the American Steel and Wire Company and Iowa soil conservation districts. Last year more than 400 Iowa farm girls competed on a district, regional, and state basis. Miss Carol Coleman of Olin, was chosen as the "Queen of the Furrow." She reigned as queen of the State Field Days and Plowing Matches held in Franklin County.

A state-wide contest for district commissioners is the Outstanding District Commissioners contest. Each year an outstanding commissioner is chosen in each of the nine regions of the Iowa Association of Soil Conservation District Commissioners. Out of these nine men, a state winner is selected. Last year's winner was Dallas McGrew from Mills district.

Contests held on an area or state basis are the Omaha World Herald Contest, Sioux City Program for Permanent Agriculture, Radio Station WMT Awards Program and the essay contest sponsored by the Iowa State Grange

and the Iowa Manufacturers Association for Iowa school children.

Soil conservation districts also participate in the State Field Day and Plowing Matches. These will be held in the Washington County Soil Conservation District north of Washington, Iowa, on Sept. 12, 1958. Plans are under way for a field day that will show Iowans how soil conservation practices can be applied to their own farms.

Four booths are reserved each year at the Iowa State Fair for soil conservation districts in Iowa. Exhibits were presented last year by the Dallas, Guthrie, Sac districts and Van Buren districts. The Van Buren district won first place.

An important activity is the Teachers Conservation Camp, held at Springbrook State Park north of Guthrie Center each summer. Soil conservation districts sponsor teachers to attend this camp so they may learn more about all phases of conservation methods.

Districts participate in are Soil Stewardship Week, which was held May 11 through May 18 this year, and Soil and Water Conservation Week. This is June 15 through June 22. An annual conference for Soil Conservation District Commissioners and their wives is held each year. This year's conference will be held at Hotel Roosevelt in Cedar Rapids Sept. 7, 8, and 9.

Without the help of the many organizations that have sponsored activities such as these, soil conservation districts would not be able to recognize the people they should. For this help, soil conservation districts are truly grateful.

Watersheds Give Extra Initiative To Conservation, Leader Says

By: George Eason, Chairman State Soil Conservation Com.

The last several years have given us a popular approach to problems connected with the conservation of our gradually dwindling supply of soil and water.

Watersheds and their organizations have furnished extra initiative—the added push—to attack some of these problems. If we had attempted them as individuals, they would have been hard, if not impossible, to meet.

People like to work together in groups. Watershed planning and organization give the individual a feeling of accomplishment. However, I feel we are developing some undesirable habits. We find ourselves prone to unload the majority of the work on a few willing individuals. We're not willing to admit to ourselves that each of us has an equal share in the over-all program. If one purpose of the organization is to develop leadership, how do we discover leadership abilities unless each person assumes his responsibility?

Second: There's a growing feeling that if some state or federal agency will furnish assistance—such as a "pilot" watershed, or help under Public Law 566—we local people can sit back and await developments, believing that our part of the job has been done. Government policy over the past 15 or 20 years has played a part in developing this kind of thinking. Of course we'll continue to need a certain amount of technical guidance in years to come, but we, too, will have to do our part in the over-all job.

Third: As the program expands and develops, we are continually faced with the problem of taxing and financing to meet the growing needs. Iowa can be proud that for years she has led the nation in state appropriations to soil districts and soil conservation work. Likewise the

federal government has poured money into states for technical assistance to districts and direct aid to watershed programs. But can we honestly expect an increased amount of tax dollars to be channeled into this effort? I think not. We probably will do well to hold appropriations as they are at present, and to look for ways of getting more for the tax dollars we spend. Local people will have to make a larger contribution toward this united effort. If we need additional money for the county's general soil and water conservation program or for supplemental aid to districts, we'll have to work through our local boards of county supervisors. All of us know that the closer to home we spend our tax dollars, the greater is the percentage we receive in return.

Let's examine ourselves and our local situations. Then let's come up with constructive suggestions for building a better and sounder watershed program.

THE OSCEOLA TRIBUNE

NINETY-FOUR YEARS OLD

OSCEOLA, IOWA, TUESDAY, JULY 15, 1958

EIGHT PAGES NUMBER 28

13 Candidates In Queen Contest On Wednesday

To Feature Program Of City Band

Thirteen Clarke county girls will compete in the local "Queen of the Furrow" contest which will be held as a special feature of the Osceola Band Concert program at 8 o'clock Wednesday evening, July 16, in the court house square.

Other candidates may enter the queen contest before the deadline at 5 o'clock this Tuesday afternoon, according to Harold Anderson, work unit conservationist of the Clarke Soil Conservation District, sponsors of the event.

Candidates who will be seeking the honor of representing Clarke county in the regional contest, their parents and home township, include:

Betty Woods, Mr. and Mrs. Luther Woods, Osceola township.

Connie Hunt, Mr. and Mrs. Leland Hunt, Knox.

Marlene Sklenar, Mr. and Mrs. Ritchie Sklenar, Knox.

Joanne Marie Gross, Mr. and Mrs. Sydney Gross, Ward.

Suzanne George, Mr. and Mrs. Carl George, Green Bay.

Barbara Jean Fouche, Mr. and Mrs. Chester Fouche, Washington.

Janet Ellen Houston, Mr. and Mrs. Harold Houston, Washington.

Peggy Frizzell, Mr. and Mrs. Charles Frizzell, Jackson.

Judy Blakely, Mr. and Mrs. Harry Blakely, Fremont.

Darla Jean Lovell, Mr. and Mrs. William Lovell, Liberty.

Arlene Gonseth, Mr. and Mrs. Forest Gonseth, Troy.

Virginia Hindman, Mr. and Mrs. Albert Hindman, Liberty.

Mary Lou Simms, Mr. and Mrs. Lewis Simms, Ward.

Look for a new dual purpose sponge on grocery shelves soon.

The "two-sided" household sponge is designed to perform two kitchen chores — scrubbing and wiping clean, according to Lillian Price, Clarke county extension home economist.

On the one side is a layer of tough urethane that absorbs and wipes. The other side is a layer of rougher urethane that scours and scrubs.

A test group of 300 homemakers has given the sponge the "A" after using it for 8 weeks.

80 per cent reported that the new sponge better than

looked like the new sponge better than

looked like the new sponge better than

looked like the new sponge better than

looked like the new sponge better than

looked like the new sponge better than

looked like the new sponge better than

looked like the new sponge better than

looked like the new sponge better than

looked like the new sponge better than

Need All Units In Conservation

Regional Leaders See Need Of Cooperation From All Agencies

Conservationists agreed at nine Iowa regional meetings recently that it's necessary to have full cooperation from all agricultural agencies within any county to get the soil and water conservation job done right, says Charles Ballantyne, extension conservationist at Iowa State College.

Soil district commissioners stated that they would be unable to do the over-all job as it should be done if they didn't have this cooperation, Ballantyne pointed out. And William H. Greiner, secretary of the State Soil Conservation committee, said that in almost every county in Iowa this good cooperation exists. The Cooperative Extension Service, Soil Conservation Service, county ASC committees, conservation officers, vocational agriculture instructors, FHA supervisors, county boards of supervisors, soil district commissioners, and many others help to get this needed soil conservation job accomplished.

Many districts hold tours for clergymen before Soil Stewardship week in May and Soil Conservation week in June to acquaint them with the soil and water conservation job. This has been instrumental in developing a better understanding of and appreciation for good land use on the part of the clergyman, Greiner believes.

Tours are also conducted for county Farm Bureau women's groups, businessmen, service clubs, school children and others to view conservation projects.

Many districts have sponsored conservation workbook contests and conservation essay contests for school children. Prize money is awarded for the top essay and workbook. Conservationists from all parts of the state agreed that once you sell a child on conservation, the child will sell the parents on it.

With this in mind, most districts send school teachers to the Teachers Conservation Camp at Springbrook State Park each summer. After a teacher has attended this camp, her effectiveness increases noticeably as far as teaching conservation is concerned, the conservationists said.

Sessions of this year's Camp begin June 8 with George W. Worley, Iowa State Teachers College scientist, as camp director. By attending two 3-week sessions, a teacher can get six semester hours of college credit. This ordinarily meets requirements for renewal of certificates. Both courses (Biology 104 and 105) are acceptable as natural science requirements for certification.

Terraces Aiding In Conservation

More Farmers Joining Program Through Soil-Saving Practice

Terraces, contour listing and similar mechanical soil-saving practices are bringing more farmers into the soil conservation "fold," declares Melvin G. Blase, Agricultural Research Service economist stationed at Iowa State College.

"These practices make conservation economical for farmers on hilly land," Blase says. "With terraces, they can hold soil and still raise enough corn to make their farming operations profitable."

He adds that farmers have objected to soil conservation plans in the past because of economic reasons. These plans included high-forage rotations.

Because of these objections, soil conservationists and researchers re-examined conservation programs, Blase says. They determined that mechanical soil-saving practices could do a good conservation job. So less emphasis was placed on forages; more on terraces, contouring and contour listing.

As a result, Blase says, conservation plans have been developed that offer a farmer a way to cut erosion losses — yet maintain income by growing row crops.

Inventory Of Soil, Water Saving Needs In State Being Compiled

An inventory of soil and water conservation needs for Iowa is presently being made, according to Harlon H. Backhaus, assistant state conservationist of the U. S. Soil Conservation Service. This inventory is being carried out by all agencies of the United States Department of Agriculture with state agencies cooperating.

The conservation needs inventory is also being made on a national basis, Backhaus stated, to assist in determining areas needing conservation treatment by 1975. The inventory is to aid the U. S. Department of Agriculture and related agencies, both national and state, in carrying out their responsibilities in providing adequate conservation of the nation's soil and water resources.

The county, state and national inventory is obtained by systematic collection of facts, based on soil survey information. The soil survey information is studied on the basis of soil types, condition of the land, and other factors, to determine conservation treatment needed. The proper use of the land along with proper conservation practices needed is

also taken into consideration to hold soil loss down to approximately 5 tons per acre. This is desirable to assure future generations an adequate food supply and high standard of living.

"To date, Soil Conservation Service technicians have completed the field survey of basic soil data in 83 counties," said Backhaus. Also 36 county groups have completed their estimate of land use and conservation treatment needs.

Iowa's goal is to have the 99 counties complete their inventories and have their material summarized for the state by December of 1959.

The state committee on conservation needs, with SCS State Conservationist Frank H. Mendell as chairman, anticipates that the inventory can be used as follows:

Assist district commissioners and county extension councils in determining education needs and program planning; assist district commissioners in developing long and short-time objectives; assist local, state and federal agencies in planning programs and providing facilities through the district in cooperation with commissioners; assist district commissioners and County ASC committees in determining priorities on conservation practices.

Allocate cost-sharing assistance to speed up the application of most-needed practices; assist in planning program in terms of Iowa problems and agricultural adjustments; help in determining and showing how local groups and organizations can assist in district activities; assist schools in providing information on local conservation problems and needs; assist in determining research needs.

For use by local people in planning agricultural programs; to provide up-to-date estimate of what the conservation problems actually are, and to estimate the future production potential.

Farm, Factories Work Together

Industry, Agriculture Reflect Joint Progress, Spry Reports

By Clyde Spry
Secretary of Agriculture

The balance between agriculture and industry is important, because one is dependent on the other. In the change, or shift in population from rural to urban, soil conservation is raising its head as one of the more important programs that is now or being considered for the future of this state and nation.

The introduction of power and machines in industry began to show a pronounced effect in increasing the daily output of industrial workers during the 1920's. This has been increasing ever since, until we see the amazing expansion in production of goods which we refer to as "The American Standard of Living." To keep pace with industry, the big change in agriculture began almost 20 years later when power machinery put mass production into the hands of the farmer. Progress in crop production resulted from the use of new varieties of seed, improved plant breeding, use of fertilizer and new chemicals. Along with these improvements came improvements in livestock production and use of feeds, development and use of vitamins, trace minerals and antibiotics.

The soil conservation program came along with other improvements and has become a part of crop and livestock production. The control of the raindrop from the time it falls through its many uses for agriculture and industry, rural and urban populations, is saving the soil and reducing the chance of floods.

The food requirements of our great growth in population have been met by using acres to raise foods for people instead of horses, by making each acre and each head of livestock produce more, and by the most important factor, soil conservation. Instead of wasting acres we have found the solution to our problem in saving and retaining the foundation of our state and nation, the soil.

Osceola, Murray Girls Win In Queen Contest

7-17-58

Two 16-year-old Osceola and Murray high school girls were selected to represent Clarke county in Iowa's "Queen of the Furrow" contest during the judging of 14 candidates which featured the Osceola band concert Wednesday evening. They are:

Judy Blakely, daughter of Mr. and Mrs. Harry Blakely of Fremont township.

Janice Boor, daughter of Mr. and Mrs. Arthur Boor of Troy township.

The two girls were selected to represent the Clarke County Soil Conservation District, sponsors of the event in the regional competition to be held August 8 at the Warren county fair in Indianola.

With Ward Reynoldson as master of ceremonies, the 14 county candidates were judged before a large audience during the concert program. Judges said that the attractive group of candidates "made the com-

petition keen and the judging extremely difficult."

Other candidates in the local contest were: Betty Woods, Connie Hunt, Marlene Sklenar, Joanne Marie Gross, Suzanne George, Barbara Jean Fouche, Janet Ellen Houston, Peggy Frizzell, Darla Jean Lovell, Arlene Gonseth, Virginia Hindman and Mary Lou Simms.

Miss Blakely will be a junior at the Osceola high school next fall. She has been active in the high school band and chorus and is in her seventh year of 4-H club work. As an eighth grader, she was second in the county in the Soil Conservation Workbook contest.

Miss Boor will also be a junior next fall but is a student at the Murray high school. She is an outstanding guard on the Murray high school girls' basketball team and is a member of the school's band.

Harold Anderson, work unit conservationist of the Clarke County Soil District, said that the sponsors were "extremely pleased with the fine group of girls who entered the contest and the interest that was shown by the public."

3,000 Bass Will Stock 61 County Farm Ponds

7-25-58

On Wednesday, 3,000 bass were distributed to 54 farmers who were district cooperators of the Clarke County Soil Conservation District. The bass were placed in 61 farm ponds and were distributed by the U. S. Fish and Wildlife Service and the federal Soil Conservation Service.

Farmers who had made application for fish were notified when they would arrive and were on hand with containers to take them home.

In about one month bluegills will be distributed for these same farm ponds, the bass feed on the bluegills, officials said.

Farmers receiving fish were Glen Curtis, Francis Chamberlin, Ed Flaherty, Lester Goodman, Marcus Harders, Delbert Hartman, Ed Hartman, Orvie Hartman, James Hickman, Galen Little, Wm. Ries, Basil Willett, Cecil Lutz, K. A. Peed, N. B. VanPatten, Henry Alms, Harold Simms, Roy Brown, John Bryant, Donald Burgus, Leonard Camp, Morris Crenshaw.

Lester Drennen, Ardeth Elliott, Virgil Feight, Jess George, Melvin Goeldner, Carl Handrock, B. F. Harlan, Kenneth Johnson, W. W. Langfitt, Dale Loghry, Bruce Reish, Theodore Schaffer, T. H. Swain, Richard Touet, E. L. Winter, John McCuddin, Jack Ames, Adrian Fuller, Chas. McPhetridge, George Schultz, R. M. Hesston, Leo Manley, Howard Ruble, Ralph Smith, Floyd Overton, Lyle Pfander and L. G. Miller.

Clarke County 'Queen Of Furrow' Candidates

7-22-58



Janice Boor and Judy Blakely are shown as they received congratulations from two other candidates after being named to represent Clarke County in the regional contest leading to the naming of Iowa's "Queen of the Furrow." The girls pictured from the left are: Peggy Frizzell, Barbara Fouche, Miss Boor and Miss Blakely.

The four girls were among 14 Clarke county candidates who appeared in the contest as a feature of the Osceola Band Concert program last week under the auspices of the Clarke Soil Conservation District. Miss Boor and Miss Blakely will represent Clarke county in the regional queen contest to be held Aug. 8 as a feature of the Warren County Fair at Indianola.

Coles, Hagie, Webb, Brierly Selected . . . 3 County Farms In State-Wide Contest

7-29-58

James and Donald Cole, L. L. Hagie and John Webb, and Russell Brierly have been selected to represent the Clarke County Soil Conservation District in the three divisions of the Iowa Soil Conservation Achievement Award program, according to Carl Handrock, chairman of the district commissioners.

The program is sponsored by the Iowa Association of Soil Conservation District Commissioners, Iowa State Soil Conservation Committee, Iowa State College Extension Service, State Department of Agriculture, U. S. Soil Conservation Service and the Soil Conservation Society of America, and the Des Moines Register and Tribune.

James and Donald Cole, father and son, own and operate their farm located in Osceola and Jackson townships. They were chosen in Division No. 1 which recognizes the farm on which the cooperators have accomplished the most complete conservation program as determined by the land use program and soil conservation practices adopted. The Coles are long-time district cooperators, starting their work in 1949.

The high light of the practices on this farm is the outstanding pasture land. This includes about 10 acres of birdsfoot trefoil on the home farm with the bal-

ance on the north place sown to a mixture of alfalfa and orchard grass. It was necessary to clear brush on part of the area. Corn was grown on the contour after which the field was limed, fertilized and seeded.

Other practices on the Cole farm include standard terraces, contour farming, diversion terraces and waterway work, along with liming, fertilizing and crop rotation. A drop inlet erosion control dam which will also provide a pond for water supply is being built early this fall.

John Webb and his landlord, L. L. Hagie of Osceola, were the winners in Division No. 2 which is open to tenant-operated farms on which the best conservation programs have been established and maintained by joint effort of landlord and tenant. The conservation plan for this farm was developed in 1950. John Webb has operated the farm for the past six years and has done an excellent job of applying and maintaining conservation practices in cooperation with Mr. Hagie and the soil conservation district.

All sloping land is farmed on the contour. Some standard terracing has been done and the waterways are well grassed, some of them with Reed Canary Grass. Over one and one-fourth miles of diversions have been built to protect bottomland from

excessive run-off from the hill land. Multiflora rose has been planted parallel to much of the diversion terrace to serve as living fence to provide food and cover for wildlife. About 20 acres of permanent pasture have been renovated and sown to birdsfoot trefoil. Fifty-five acres of sloping land previously farmed have been limed, fertilized and converted to permanent pasture or permanent hayland. Considerable diking and open drainage ditch work has been done on bottomland. Most of the cropping is done on the bottomland in a good rotation with heavy fertilization.

Russell Brierly, Jackson township, was named as winner in Division No. III. This division is open to any farmer who became a new soil conservation district cooperator during the year 1956 or later. Brierly was judged as having made the most progress toward carrying out the needed soil and water conservation practices.

Last fall Russell built over 1.5 miles of standard terrace. These are broad base terraces constructed with a bulldozer. This year he is growing corn in the field on the contour, using four-row equipment. Sixty-eight acres are farmed on the contour this year and excellent waterways,

some of them seeded to Reed Canary Grass, are maintained. Other practices include a farm pond, aeration and establishment of permanent hayland

Pietig, Carroll, as its outstanding farmer-cooperator. Certificates of merit will be awarded both districts and the two individual nominees.

Districts compete in the annual program in the categories of organization, education, planning, promotion and accomplishment in the fields of soil and water conservation. The period of the contest recently concluded was May 1, 1957 to April 30, 1958. The twelfth annual contest, currently in progress, began on May 1 and will conclude on April 30, 1959.

The Iowa Farm and Home Register will issue an attractive certificate to the winning contestants in each division in the local soil conservation district.

The Clarke District entries will compete with winning farmers in the districts which comprise region No. 6. These are Madison, Warren, Mahaska, Marion, Lucas, Monroe, Davis, Appanoose, Wayne and Decatur counties.

Winners in the nine regions in Iowa will be determined by Aug. 15. They will receive proper recognition and enter state competition.

The State judging committee will complete the selection of state winners by August 27. Awards to Regional and State winners will be made on September 9 at the annual conference of soil district commissioners at Cedar Rapids, Iowa.

The sweepstakes winner in the state, from the first two divisions, will be the farm with the best conservation program and the winning farmer-operator will receive a U.S.\$500 Savings Bond. State winners in each of the divisions will receive a proper award.

Iowa Farms Win In Soil Contest

8-5-58

Shelby Conservation District Ranks First In Southern Area

Iowa's two outstanding soil conservation districts and four individuals named winners of grand awards in a national, annual soil conservation contest, were announced by the tire company sponsoring the contest.

Pocahontas district, representing Northern half of the state and Shelby district, of the Southern division were selected by the judges as outstanding in the state between May 1, 1957 and April 30, 1958.

G. Donald Trenary, of Pocahontas, chairman, was selected by the Pocahontas district to receive its governing body individual member recognition.

Shelby district named Howard G. Rasmussen, Harlan, to receive its individual member award.

Elmer J. Jensen of Gilmore City was named the outstanding farmer-cooperator in the Pocahontas district, and Edgar J. Wahling, Shelby, received the same honor in Shelby district.

The champion districts will be presented bronze plaques and the two individual winners from each will be presented with framed certificates as permanent symbols of their achievements in conservation. Presentation of plaques and certificates usually is made at annual meeting of the state association of soil conservation districts.

In addition, Trenary, Rasmussen, Jensen and Wahling will be guests of the program sponsor next fall on an all-expense-paid vacation trip to Wigwam guest resort and Goodyear Farms, at Litchfield Park, Arizona.

Second place honors for Northern division were won by the Clayton district, which nominated Almer Amundson, of Postville, as outstanding farmer-cooperator. In the Southern division, Carroll district took second place honors and selected Kenneth

JULY RAIN TOTAL HITS 12 INCHES

7-31-58

Moisture, Low Temperatures Setting Records; Causing Concern On Work Projects, Some Crops

New summer weather records are being made and "washed out" almost daily as rain early this morning pushed Osceola's total precipitation for July over the 12-inch mark and temperatures were held well below normal.

This morning's rain was added to the official Osceola total of 3.89 inches measured during the past week by Delbert Harsh, official observer. It also marked the fifth day in the past eight days on which rain has fallen here.

The frequency of the rains was causing the greatest concern among contractors and workers on the major construction jobs in Clarke county. The longest stretch of consecutive days without rain during July was a 4-day period, July 5-8, and otherwise the weeks have been broken by rains halting work.

Farmers generally were welcoming the record precipitation in the respect that it was filling farm ponds and generally replacing water lost during previous dry years. However, it was also hampering some operations and farmers were looking for precedents on which to base the possible results to corn and other crops.

To this stage the Clarke county corn crop has commonly been referred to as "the best we've ever had at this time," but as the record average low temperatures and frequent rains continued some observers were beginning to question the results.

While July's 12-inch total rainfall was being compared with 2.29 inches in June, 3.99 inches in May and 1.59 inches in April, observers were also pointing to this summer's consistently low temperatures.

The mercury climbed to the season's high on June 8 when it reached 93 degrees but it has failed to get above the 89-degree level of July 18 during the entire past month. Only one other 90-degree day was recorded in Osceola this summer and that was on June 30.

"Our tall corn today looks beautiful but unless we get some of our normal warm, dry weather for a good spell at this time the yield may not match the appearance," one farm observer said.

Highway contractors here said that the frequency of the rains was causing hardship on both the companies and their employees. They said that any favorable break in the weather would see the work pushed with all possible speed but that they were not yet prepared to estimate the final effect on finishing dates.

Following are the week's weather records compiled by Observer Harsh:

Date	High	Low	Prec.
July 24	83	63	.10
July 25	85	60	
July 26	82	58	
July 27	81	64	.62
July 28	86	61	
July 29	82	61	.11
July 30	81	64	2.96

Judy Blakely Is 'Queen' Winner

8-12-58

Judith Ann Blakely of Osceola was named the winner of the Region 6 "Queen of the Furrow" contest held Friday night at the Warren County Fair in Indianola.

She was chosen from a field of 15 area girls.

Judy is 16 years of age and lives with her parents, Mr. and Mrs. Harry T. Blakely on a farm in Fremont township.

She will be a Junior this fall at Osceola high school, where she is a member of the band and chorus. Miss Blakely is employed this summer at the Robinson Drug and is especially interested in 4-H Club activities. She has participated in local and State Fairs and has won many blue ribbons, as a member of the Fremont Friendly Fairies.

The Blakelys have two other children, Gary Lee, 9, and Patty Sue, 6.

Miss Blakely will now compete with the winners of other regional contests. Nine regional finalists will compete at the state contest to be held during

Conservation District Commissioners, on September 7, at the Roosevelt Hotel in Cedar Rapids.

The "Queen of the Furrow" will also reign over all activities at the State Soil Districts Field Day and Plowing Matches to be held in Washington County on September 12.

The local contest was sponsored by the Clarke Soil Conservation District and was won in Osceola last month by Miss Blakely and Miss Janice Boor, daughter of Mr. and Mrs. Arthur Boor of Troy Township.

Brierly Is Winner In Farm Event

Russell Brierly, Jackson township farmer, was named a regional winner in Region 6 in the Iowa Achievement Awards Program sponsored by the Des Moines Register and Tribune in cooperation with state and federal soil conservation agencies and organizations.

Brierly, a new cooperator in the Clarke County Soil Conservation District, won top honors in Division III which was open to any farmer who became a cooperator in the year 1956 or later.

He is the individual who has made the most progress toward carrying out needed soil and water conservation practices in competition with cooperators from the other ten southern soil conservation districts in Region 6.

State winners will be picked soon and all regional and state winners will be honored at Cedar Rapids on September 9. The Iowa Association of Soil Conservation District commissioners is holding its 12th annual conference in Hotel Roosevelt, Cedar Rapids, on September 7, 8 and 9.

Brierly who acquired his farm in 1955 has made outstanding progress in getting his soil conservation plan underway. Last year he built over one and one-half miles of standard terraces. Other practices include farm pond construction, 70 acres of pasture renovation and grassed waterways many of them seeded to reed canary grass.

Watershed Tour Being Planned

9-2-58

Honey Creek Area Trip Open
To Public By Soil District

Plans are being formed for a fall tour of the Honey Creek Watershed by the Clarke County Soil Conservation commissioners this month. A tentative date has been set for Thursday, September 18.

The tour is being planned particularly for selected committees from the proposed watershed development areas on Long Creek and Otter Creek in Clarke county but it is open to anyone who wishes to go and see the work that has been done in the Lucas county area.

Further details will be announced by the commissioners as plans are developed.

Clarke County Girl Seeking State Crown

Judy In Iowa Queen Finals

For the first time, Clarke county may be the home of Iowa's "Queen of the Furrow" after Miss Judith Blakely, 16, daughter of Mr. and Mrs. Harry Blakely of Fremont township, competes with eight other girls from over the state in the finals to be held Sunday evening during the Soil Conservation District Commissioners' meeting in Cedar Rapids.

Judy, who won the local contest in Osceola and went on to capture the regional crown at the Warren County Fair in Indianola, will be representing Region 6 in the state finals.

When Judy and the eight other candidates representing all areas of Iowa compete in the state finals in the Roosevelt Hotel in Cedar Rapids they will be seeking a highly coveted crown that symbolizes both distinction and rewards.

"Regardless of the outcome of the final contest, Judy has already brought high honors to herself and to our district," Harold Anderson, work unit conservationist of the Clarke Soil Conservation District said. The Clarke district sponsored the local contest which started Judy on her road to the state finals.

Judy started classes on Tuesday with the Junior class at the Osceola high school. She is a member of the high school band and chorus and has been active in other school groups.

As a member of the Fremont Friendly Fairies, Judy has also been active in Clarke county 4-H Club work and has won a number of ribbons with her entries in both the county and state fairs.

"It is particularly fitting that Judy has reached such a high point in the state competition since she ranked high in Clarke county as an eighth grader with her entry in the Soil Conservation 'Workbooks,'" Anderson pointed out.

Judy and the eight other Iowa girls in Sunday's final contest previously were winners of county, district, and regional contests held during the summer. They were chosen on the basis of attractiveness, poise, personality and intelligence. Under contest rules, each girl is single, between the ages of 16 and 21 and lives on an Iowa farm.

At the dinner the girl chosen "Queen of the Furrow" will be crowned by last year's winner, Carol Coleman Ziegler of Cedar Rapids, formerly of Olin.

Among her prizes the Queen will receive a glamorous wardrobe and serve as hostess for the Soil Conservation conference. She will be an honored guest at the Plowmen's banquet Sept. 11 in Washington, Iowa, and will reign over the State Districts' Field Days and Plowing Matches to be held in Washington county on Sept. 12.

The regional winners who will compete with Judy for the "Queen of the Furrow" title are: Karean Becker, Tenant; Sharon Brandt, Primghar; Dorothy Busching, Stanwood; Judith Dean, Corwith; Carol Eckels, Lenox; Kay Klingaman, Waterloo; Linda McKinstry, Washington, and Karen Stall, Ankeny.



Miss Judith Blakely will represent Clarke county and Region 6 in competition with eight other girls from over the state in the finals of the "Queen of the Furrow" contest to be held Sunday evening in Cedar Rapids.

In Contest

Judy Praised

9-9-58 . . For Showing

Judith Blakely, daughter of Mr. and Mrs. Harry Blakely of Fremont township, didn't win the Iowa "Queen of the Furrow" contest in Cedar Rapids Sunday night but she is hearing enthusiastic praise for the outstanding showing she made throughout the event.

"We are extremely proud of Judy's showing and of the compliments she won throughout the event," Harold Anderson, work unit conservationist for the Clarke Soil Conservation District said. His organization sponsored Judy's candidacy.

Kay Klingaman of Waterloo won the contest finals in which Judy with seven other regional winners competed during the Soil Conservation District Commissioners' meeting in Cedar Rapids.

Judy, who said she had thoroughly enjoyed the experience of winning the Clarke county and regional contests before entering the finals, is back at her classes as a junior in the Osceola high school.

Watershed Tour Slated For Friday

9-16-58

A tour of the Honey Creek Watershed in Lucas county will be held on Friday, September 19, Carl Handrock, chairman of the Clarke County Soil Conservation District commissioners, announced today.

"Due to the widespread interest in watershed development, we have arranged to visit the Honey Creek area and see what can be accomplished when the people living in a watershed decide they wish to cooperate as a group in getting soil and water conservation on the land," Handrock said.

The tour has been planned particularly for selected committees from the proposed watershed development areas on Long Creek and Otter Creek in Clarke county. However, all interested persons, townspeople, as well as farmers, are invited and urged to attend. A special invitation is extended to the ladies to come also, he said.

Those planning to attend will meet at the Osceola Post Office at 11 a.m. on Friday, drive to Chariton for lunch, (each person at his own expense), then proceed to the Russell school where the tour will start at 1 p.m. If they prefer to do so, those living east of Osceola may go directly to Russell. The important thing is to be at the Russell school ready to start the tour promptly at 1 p.m.

Soil Conservation Service personnel will be on hand to explain the various projects. There will be an opportunity also to talk with the people living on the farms.

In addition to the 21 large drop-inlet erosion control dams which have been installed by the federal government, the farmers in the area have limed and fertilized their land, are using adequate rotations, have established waterways and built miles of terraces.

An outstanding feature is the great amount of improved pasture found on the farms. Some tree planting has been done, as well as multiflora rose and other shrub planting for the benefit of wildlife.

Plan Soil Tour For 7th Graders

Clarke County Pupils To Be
Thursday Guests At Miller

10-7-58
Seventh grade pupils in Clarke county will visit the Doyce Miller and Mrs. George Heinrich farms on Thursday, Oct. 9, from 1 p.m. to 3 p.m. for first-hand information on soil conservation work. In case of rain the tour will be postponed.

The tour has been planned cooperatively by the Clarke County Soil Conservation District commissioners and Clarke County school officials, Ralph Evans, Kenneth Kemp and Richard Kirby.

Miller, who is one of the commissioners, operates the Heinrich farm in addition to his own place. "The pupils are studying the different phases of soil and water conservation with the help of workbooks and material made available by various agricultural agencies."

"We want to give the boys and girls an opportunity to see a conservation plan in operation. Therefore, we hope all of the seventh graders together with their parents and teachers can be with us on Thursday," Miller said today.

Practices on the Miller and Heinrich farms include contour farming, terracing, strip cropping, grassed waterways, farm ponds, a drop inlet, erosion control dam and multiflora rose fence in addition to liming, fertilizing, crop rotation and pasture improvement.

The other commissioners, Carl Handrock and Adrian Fuller, as well as members of the local Soil Conservation Service staff will be on hand to help conduct the tour.

COUNTY SOIL CONSERVATION PROGRESS SEEN

10-9-58

Clarke County Committee For
ACP Reports On Practices
Launched On Local Farms
Under Program

Steady progress is noted in the annual report of Clarke county's farmers' participation in the federal government's agricultural conservation program (ACP) during the past year, according to Carl Luce, Clarke county chairman.

The report showing the extensive program being carried on within the county was made after Joseph Carber, chairman of the state ASC committee, announced that a total of 60,682 Iowa farms participated in the 1957 program for an increase of 8,500 over the 1956 figure.

He stated that the farms participating in the 1957 program contained 32 percent of the farmland in the state, or three percent more than the farms which participated in 1956. He added that farmer demand for ACP work in 1958 has been "about the same as in 1957."

Carber emphasized that the number of enduring or permanent-type practices established with cost-sharing in 1957 compared favorably with the record level of 1956 despite the fact that requests for conservation seedings reached an all-time high in 1957 due to 760,000 acres of Iowa cropland being taken out of production through the soil bank reserve.

Following is a summary of the work done on Clarke county

farms in the various conservation practices:

Standard terraces — Clarke County had 9.85 miles constructed on 12 farms.

Diversion terraces — 3.90 miles constructed on 12 farms.

Contour stripcropping — 92 acres on 5 farms.

Contouring of intertilled crops — 1,127 acres on 60 farms.

Sod waterways — 32.16 acres on 31 farms.

Dams for livestock water ponds — 70 constructed on 45 farms.

Erosion control dams — 13 constructed on 9 farms.

Wells for livestock water — 72 drilled or bored on 67 farms.

Application of limestone — 12,598.2 tons on 144 farms.

Tiling — 1 farm to drain 8 acres.

Surface drainage — 3 farms to improve drainage of 16 acres.

Improving established vegetative cover (pasture improvement) — 205 acres on 8 farms.

Establishing permanent vegetative cover (establishing pasture) — 12,780 acres on 426 farms.

Establishing vegetative cover on above-normal acreage being seeded — 430 acres on 11 farms.

Establishing vegetative cover to protect cropland (primarily on acreage reserve land) — 723 acres on 24 farms.

Seeding for green manure on acreage above that of 1956 — 1,710 acres on 57 farms.

Eradicating shrubs and brush on pasture land — 322 acres on 26 farms.

County 7th Graders See Conservation At Work

10-14-58

Some 150 Clarke County grade school pupils, parents, teachers and school officials attended the conservation tour of the Doyce Miller and Mrs. George Heinrich farms held last Thursday afternoon. The Heinrich farm is operated by the Millers.

Hosts for the event were Mr. and Mrs. Miller and their son, Lyle. The tour was conducted especially for seventh grade students who are studying conservation and completing conservation work books.

Because of the large number participating, the group was divided into two sections. Lyle Miller and T. J. Laing served as tour guides for one section while Doyce Miller and Harold Anderson were in charge of the other. Laing and Anderson are members of the Soil Conservation Service staff assigned to the Clarke County Soil Conservation District.

Stops were made on the Miller farm to observe excellent seedings of birdsfoot trefoil in permanent pasture and reed canary grass in waterways, terraced fields, a farm pond with a well grassed drainage area, and a well established multiflora rose

fence planted on the contour.

Of special interest on the Heinrich farm was the large drop inlet erosion control dam which was completed last year. The structure controls a large gully which was branching out into 70 acres of cropland. As a result of heavy rains this season, the pond formed by the dam is full of water covering a surface of one and three-quarter acres. The ditches above the water line were worked in and shaped and seeded, and are now serving as grassed waterways leading into the pond. Contour strip cropping is practiced on the fields above.

From the questions and the discussion at the various points of interest, it was evident that those attending were deriving a great deal of benefit and enjoyment from the tour. All expressed appreciation to their hosts for an afternoon well spent, the tour leaders said.

Invite Farmers To Soil Project

Conservation Service Will
Demonstrate Leveling
On Wayne Farm

10-23-58

Clarke county residents have been invited by the Wayne County Agricultural Agencies and the Soil Conservation District to attend a land leveling demonstration on the Olin Sheets farm located two miles south and one-half mile west of Humeston on the Garden Grove road starting at 1 p.m. Thursday, Oct. 30, according to Harold Anderson, local work unit conservationist.

The purpose of this demonstration is to show how to drain upland flats with heavy subsoils where water stands and is objectionable to the growing of row crops. Some 23,364 acres of this type of land, known as Edina soil, are found in Wayne County. A scoop and land leveler can be used very effectively in correcting this condition. When this job is completed, it will provide drainage between each row to a satisfactory outlet or surface drain, according to Anderson.

The amount of Edina soil in Clarke county is negligible, Anderson said. However, drainage problems sometimes occur on Haig soils of which there are approximately 7,700 acres in this county, he continued.

3 Nominated For Soil Vote

Clarke District Voters To
Elect Commissioner On
March 10 Ballot
2-26-59

A commissioner for the Clarke County Soil Conservation District will be selected at a county-wide election to be held in the 4H building at the fairgrounds on Tuesday evening, March 10. Official notice of the election appears in this issue of the Sentinel.

Three Clarke county farmers have been nominated to succeed Carl Handrock who is not a candidate for re-election. The nominees are Harold Brim of Fremont township, Robert Gaumer of Washington township and Voy Wright of Franklin township, all of whom are soil district operators.

The voting for the new commissioner will start at 7 p. m. and end at 9 p. m.

All owners and operators of farm land in the county are eligible to vote. Absentee ballots for the election may be obtained from the county auditor.

In conjunction with the election a county-wide information meeting on watersheds will be held at the fairgrounds. Charles Ballantyne, Extension Soil Conservationist from Iowa State College, will present the latest information on watershed organization and development.

STATE SOIL CONSERVATION COMMITTEE OF IOWA

Notice of Election of Commissioner for the Clarke County Soil Conservation District, embracing Lands Lying in the County of Clarke in the State of Iowa. 2-26-59

To all owners and/or operators of lands lying within the Clarke County Soil Conservation District, comprising the territory described as follows:

All land lying within the boundaries of Clarke County, Iowa exclusive of incorporated cities and towns.

Notice is hereby given that on the 10th day of March, 1959, between the hours of 7:00 p. m. and 9:00 p. m., an election will be held for the election of a commissioner for the Clarke County Soil Conservation District.

All owners and/or operators of lands lying within the above mentioned territory are eligible to vote.

Polling places for the election are as follows:

Clarke County 4-H Building at the Fairgrounds in Osceola, Iowa.

Eligible voters residing within the district shall cast their ballots at one of the polling places. Eligible voters not residing in the district, or who will be absent from the district on the day of election may apply in person or in writing to the County Auditor at Osceola, Iowa, for "absentee ballots."

Each applicant for an absentee ballot shall state his name, residence, location and acreage of land owned or possessed, and interest therein.

State Soil Conservation Committee

By George S. Eason,

Chairman.

S8-2

First Rain Of Year Is Filling Ponds

Clarke county's first major rain of the year left 20 of an inch of precipitation on Sunday and early Monday, according to official records of Delbert Harsh, Osceola weather observer. 2-24-59

The rain was in the form of light mist, drizzle and occasional steady falls throughout the day. Farm observers said that it was of some benefit although much of the moisture ran off the surface because of the deep frost.

Farm ponds benefitted from the runoff and the rain also helped melt much of the remaining snow and ice cover that had been left from the winter's worst storms the previous two weeks.

The weekend was marked by severe changes in temperature as the mercury bounced from a frigid one below zero reading on Friday to a pleasant high of 44 degrees on Saturday afternoon.

The mild trend continued through Monday when the lowest reading was 31 degrees, observer Harsh reported.

While the rain turned streets and highways into an extremely icy condition in Des Moines on Monday morning this area had little difficulty since the temperature remained mild and the moisture dried off travel surfaces.

Following are Observer Harsh's records for the period:

Date	High	Low	Prec.
February 19	12	-4	
February 20	29	-1	
February 21	44	18	
February 22	40	30	T
February 23	40	31	.20

Election, Watershed Talk

Soil Meet On Tuesday

Charles Ballantyne, Extension Soil Conservationist from Iowa State College, will be the featured speaker at the watershed information meeting on Tuesday, March 10, at 7:45 p. m. in the 4-H building in Osceola, according to Carl Handrock, chairman of the Clarke County Soil Conservation District Commissioners. 3-5-59

"Ballantyne is an outstanding speaker and an authority in the field of soil conservation work as it is carried on through organized watersheds," Handrock stated, "and we invite and urge all Clarke county residents, particularly farmers and land owners and their families, to attend this important meeting."

The meeting is sponsored by the Clarke County Soil Conservation District in connection with the commissioner election. The session was arranged specifically to supply information in response to the many inquiries as to how watershed organizations are started and how they operate.

Handrock's term as district commissioner expires this spring. He is not a candidate for re-election.

Candidates who have been nominated for the six-year term are Robert Gaumer of Washington township, Harold



Charles Ballantyne

Brim of Fremont township and Voy Wright of Franklin township.

The polls are open from 7 p. m. to 9 p. m. and all Clarke county farmers and land owners are eligible to vote.

The meeting is open to the public. Free refreshments will be served at the close of the program, according to Harold Anderson, work unit conservationist of the Osceola soil district office.

BRIM NAMED MEMBER OF SOIL BOARD

3-12-59

Conservation District Has
Election, Discussion On
Watershed; Handrock Gets
Honor For Service

Harold D. Brim, Fremont township farmer and long time district cooperator, was elected to a six-year term as commissioner in the Clarke County Soil Conservation District at the meeting held Tuesday evening at the 4-H building on the fairgrounds.

Brim operates the Barnard Estate farm and has farmed "the conservation way" for many years. He is chairman of the Fremont township ASC committee and has participated in various community activities.

The election was held in connection with a watershed information meeting.

Carl Handrock, retiring commissioner and chairman the past two years, served as master of ceremonies. The program included vocal solos by Julie Liggitt accompanied by Miss Shirley Sutton.

Charles Ballantyne, Extension Soil Conservationist, presented information on soil conservation work in watershed. In connection with his talk, Ballantyne showed a new series of colored slides made available by the Soil Conservation Society of America.

At the close of the program Commissioner Adrian Fuller, on behalf of the soil district, presented a gold tie clasp bearing the soil conservation emblem to Handrock for outstanding service as commissioner the past eight years.

Annual Report Of Work Done

Soil District Reports On Progress

4-7-59

"We have an excellent program of new projects already lined up for this spring," Harold Anderson, work unit conservationist, said this week as he released the 1958 annual report of the Clarke County Soil Conservation District Commissioners showing considerable progress in the county last year.

Following is the first of a series of articles in the Osceola newspapers showing the activities in the Clarke Soil District during the past year:

We, the Commissioners of the Clarke County Soil Conservation District, wish to report our activities and accomplishments, and to express our sincere appreciation to all individuals, organizations, groups and agencies who continually extend the finest cooperation to the District.

We especially wish to commend the State of Iowa for its guidance and financial support through the State Soil Conservation Committee. We respectfully petition the 58th General Assembly to provide the additional funds which districts need to carry on their conservation programs effectively.

The year 1958 was good, both from the standpoint of conservation accomplishments and of production of farm crops and livestock at favorable prices. When farmers have an adequate income, they can and do get more permanent conservation practices established on their land.

However, we are never satisfied with accomplishments because we are mindful of the great amount of work which needs to be done.

Our goal is ever before us—a basic conservation plan for every farm in the Clarke district.

One special and twelve regular commissioners' meetings were held with 90% attendance by all three commissioners for the year. Carl Handrock has a perfect attendance record.

The various events are recorded monthly. Information on planning and servicing is shown in Table No. 1. Practices accomplished in 1958 and to date are shown in Table No. II. Included are names of new cooperators and the names of cooperators who worked out basic conservation plans for their farms. Included also is a report of expenditures from funds provided by the State of Iowa.

January—

On January 23, the district

commissioners, SCS personnel and representatives of other local agricultural agencies and the Osceola newspapers met with two representatives of the U. S. Army Engineer Corps and one from the Iowa Resources Council to consider possible large structure sites in watersheds in Clarke district which contribute drainage to the Des Moines River above the proposed "Red Rocks" flood control dam in Marion county. A tour of the Squaw and Whitebreast drainage areas was made in the afternoon.

In the evening of January 27, Harold Anderson showed the watershed film, "With Our Own Hands" at the regular meeting of the Murray Lions Club with 20 Lions in attendance.

February—

On February 11, the commissioners and the county ASC committee along with Area and Work Unit SCS technicians drove through the Otter and Long Creek Watersheds for a preliminary look at these areas to determine their possible development as watershed projects.

In the evening of February 13, Doyce Miller, T. J. Laing and Steve Evans held an Otter Creek Watershed Information Meeting in Powell School in Liberty township. The film "With Our Own Hands" was shown.

Maurice Goode, from Corydon, a Wayne County Soil District Commissioner, and Director for Region No. 6 of the Iowa Association of Soil Conservation Districts, met with the commissioners in their regular meeting on February 24. Mr. Goode reported on activities of the State Association and outlined the program for the Regional meeting scheduled in Chariton in March.

March—

Spring weather arrived the latter part of March and field work got underway quickly. Farmers started to sow oats and seed the last week of the month. Seedings established in 1957 appear to be satisfactory.

Ronald Rowland returned to work as conservation aid on Monday, March 3, after completing two years of military service in the United States and Europe.

The first meeting of the County Conservation Needs Committee was held on March 2 to decide on land conversions likely to take place by 1975. This meeting was Clarke District's start on its part of a huge nation-wide inventory of Soil and Water Con-

servation Needs under the direction of the U. S. Department of Agriculture. The Needs Committee consists of all representatives of the various agricultural agencies operating in the county.

The objective of the movement is the collection of facts regarding soil and water resources, the problems in their use, and an estimate of the areas needing treatment necessary to maintain and improve their service for all the people living within the areas.

An all-day meeting for soil conservation districts in region No. 6 was held in Chariton on Friday, March 14, for eleven districts including Clarke, Warren, Madison, Marlon, Mahaska, Monroe, Lucas, Davis, Appanoose, Wayne and Decatur.

The meeting was arranged by the State Soil Conservation Committee and the Iowa Association of Soil Conservation District Commissioners in cooperation with local groups to review accomplishments in the region and to discuss common problems which confront districts.

Those from Osceola who attended the Chariton session were Steve Evans, County Extension director; Charles Bacon, ASC office manager; Floyd Mason, Merrill McCarty, Eddie Liggitt, County ASC committeemen; Everett Pierce, representative of the State Conservation Commission; Mrs. Donna Armstrong, district clerk, and Harold Anderson, work unit conservationist of the U. S. Soil Conservation Service.

Ralph Evans, County Superintendent of Schools, met with the commissioners in their regular meeting on Monday evening, March 31, to make plans for the annual conservation work book award program for all seventh grade pupils in the county.

A newly appointed assistant commissioner, Jesse Burgess of Doyle township, also attended this meeting.

April—

Trial plantings of several woody plants for wildlife area improvement were made on the farms of cooperators Paul Neal, Jr., Adrian Fuller and Forrest Allen.

Cooperator Charles Deaver planted three acres of Osage Orange (hedge) on Conservation Reserve land.

Commissioner Doyce Miller established a waterway trial planting of a mixture of Blackwell switchgrass and Elsberry smooth

(Continued on page 4)

brome grass on the Ruth Heinrich farm. Miller operates this farm.

Selected Sermons of 1958 and a Soil Stewardship booklet were distributed to 19 clergymen and

church leaders for their use in observance of National Soil Stewardship Week, May 11 through May 18.

At their regular meeting on April 28, the commissioners completed the Goodyear Contest Score sheets for entry in the soil Conservation District Awards Program sponsored by the Goodyear Tire and Rubber Company. John Bryant, Washington township, was named as the outstanding conservation farmer for the period covered in the program, May 1, 1957 to April 30, 1958. Howard Mark, former commissioner now residing in Casey, Iowa, owns the farm operated by Bryant.

(To be continued)

Variety Of Activities Shown

In County-Wide Soil District Program

4-14-59

Considerable progress was made last year in the work of the Clarke County Soil Conservation District and the extent of the activities are shown in the annual report compiled in detail by Harold Anderson, work unit conservationist. Following is the second of a series of articles in the Osceola newspapers presenting the annual report by months:

May

Linda DeLong, student in Ward township school, received the top award, a \$25 Government Bond and a gold medal, for the most outstanding workbook at the annual conservation workbook program held at the 4-H building on Thursday evening, May 8.

Second place winner was Bradley E. Leeson, student in Woodburn Independent School. His award was a \$25 Government Bond and a silver medal.

Robert Randall of West Concord school in Franklin township was third, winning a gold medal. Linda Eddy of Knox township school was fourth, winning a silver medal. Marilyn Butler of Woodburn Independent School was placed fifth and received a bronze medal.

Forty-nine pupils were given honorable mention certificates. Prizes were provided by the District.

Lloyd Smith of Winterset, superintendent of schools in Madison county was guest speaker. The theme of his talk was, "Where are you going."

The District and the Clarke

County Chapter of the Izaak Walton League offered to pay most of the cost involved for one teacher to attend the ninth annual Iowa Teachers Conservation Camp at Springbrook State Park in Guthrie county.

June

Ernie Aust, Iowa State College student from Storm Lake, Iowa, was assigned to serve as trainee during the summer with the local SCS staff.

Stanley Klein, Troy township cooperator, has qualified for a soil conservationist position in the Soil Conservation Service and has been assigned to the work unit in the Jasper County Soil Conservation District in Newton, Iowa.

Conservation week, June 15-22 was observed by special publicity in the local newspapers. Several pictures, articles and advertisements were used throughout the month.

July

A new July record was made as rain for the month totalled nearly 13 inches. Temperatures were unusually low with a high of 89 degrees on July 18.

Many ponds were filled and subsoil moisture was replenished. However, as might be expected, there was severe erosion in the "up and down hill" fields. Terraces, strip cropping, contouring and grassed waterways really proved their worth.

Fourteen Clarke county farm girls were candidates in the Queen of the Furrow Contest held on Wednesday evening, July 16 in connection with the weekly

band concert in the Osceola public square. Judy Blakely, daughter of Mr. and Mrs. Harry Blake, of Fremont township and Janice Boor, daughter of Mr. and Mrs. Arthur Boor of Troy township were selected to represent the District in the regional contest to be held at the Warren County Fair in Indianola on Aug. 8. Ward Reynoldson served as master of ceremonies.

County Superintendent Ralph Evans met with the commissioners to make plans for use of conservation work books during the coming school year. The books will be used again in the seventh grade in all schools. Instead of selecting two top books, all completed books will be rated in three divisions with ribbon awards for each division.

Three farms were selected for entry in the three divisions of the Iowa Soil Conservation Achievement Awards Program, the contest sponsored by the Des Moines Register & Tribune in cooperation with agricultural agencies and organizations.

Farms selected were: Division I (for owner-operator) James and Donald Cole in Osceola and Jackson townships; Division II (for tenant operated farms) L. L. Hagle, owner and John Webb, operator in Washington township; Division III (for new co-operators) Russell Brierly, in Jackson township.

Bass fingerlings were distributed from U. S. Fish and Wildlife Service tank truck on July 23 to cooperators.

(To be continued)

Annual Report Shows Wide Program

Varied Activities In Soil District

4-21-59

Activities of the Clarke County Soil Conservation District reflect the progress being made within the county and the complete program for last year has been outlined in the annual report by months, according to Harold Anderson, work unit conservationist. Following is a part of the report in the third of a series of articles in the Osceola newspapers:

August

Russell Brierly was named in Region No. 8 in Division III of the Register & Tribune Contest in competition with farmers from ten other districts making him a contender for state honors.

Judy Blakely was chosen as winner in Region No. 8 in the Queen of the Furrow Contest held in Indianola on August 9. She plans to attend the program in Cedar Rapids on September 7 when the State Queen will be chosen.

The District prepared a soil conservation display which was shown in the booth sponsored by the Clarke County State

Bank at the County 4-H Fair August 12-15. The display featured "before" and "after" model farms provided by the State Soil Conservation Committee.

Russell Brierly and Jesse Burgess were officially designated to serve as assistant commissioners.

Bluegill and channel catfish were distributed from the U. S. Fish and Wildlife Service tank truck. A total of 82 ponds were stocked in July and August.

September

Twenty-one Clarke district residents attended a tour of the Honey Creek watershed in Lucas district on September 19. Most of the work, including 21 erosion control dams, has been completed in the Honey Creek project.

Robert D. McNeal returned to work as conservation aid on September 22 after completing two years of military service.

October

Weather was ideal for all kinds of work. Contractors worked every day and farmers were able to harvest corn and beans without delay. New seedings are excellent and there is a great deal

of fall pasture due to the large amount of rainfall in September.

Carl Handrock, Steve Evans and Harold Anderson attended the Beaconsfield Field Day on October 1. Results on improved pastures were exceptional this year with trefoil pastures producing over 400 pounds per acre, or 2½ times as much as unimproved bluegrass.

On October 9, a tour of the Doyce Miller and Ruth Heinrich farms was held for seventh grade students and their teachers and parents as well as county school officials. About 150 people attended. From all favorable comments, the event was definitely worth while.

On October 28, Adrian Fuller and Harold Anderson attended the district ASC meeting in Creston for information on 1959 ACP activity.

November

The 3½ inch rain which fell from November 14 to 17 was most welcome. With this rain, there was considerable run-off, helping to fill ponds, and testing new terraces, diversions, wa-

(Continued on page 5)

terways and open drainage ditches.

The annual Farmer-Business Men's dinner was held on Thursday evening, November 13 at the 4-H building. Carl Handrock presented certificates provided by the Des Moines Register & Tribune to local winners in the three divisions of the Iowa Achievement Awards Program.

December

Total precipitation recorded in Osceola for 1958 was 32.68 inches which is slightly above normal for this area.

The weather was extremely cold in December bringing earth work to an abrupt halt.

Carl Handrock, Doyce Miller, Adrian Fuller, Russell Brierly and Harold Anderson attended the Decatur County Soil Conservation District commissioner election program in Leon on Thursday evening, December 4. Leon "T-Bone" McDonald, Assistant State Conservationist of the Soil Conservation Service in Oklahoma, a true "soil conservation evangelist," and main speaker of the evening gave an excellent presentation.

In their December meeting, the commissioners made plans to hold commissioner election in connection with a district-wide watershed information meeting on Tuesday evening, March 10, 1959. Carl Handrock's term expires in the spring.

Charles Ballantyne, Extension Conservationist has been secured to present the latest information on watershed development. The meeting is open to the public. Farmers and land owners and their families are especially invited.

Churches Join Plan To Aid Soil Conservation

Clarke county's Soil Conservation District and churches in the district are again cooperating in observance of National Soil Stewardship Week. This year Soil Districts and many churches all over America are observing the special week, May 3-10.

The district commissioners, Adrian Fuller, Doyce Miller and Harold Brim, have made Soil Stewardship booklets available to representatives of the various churches in the county.

Commissioner Miller has invited clergymen and laymen to attend a special conservation tour of his farm and the Ruth Heinrich farm on Monday, April 27, in the forenoon, weather permitting.

Harold Anderson, Work Unit Conservationist of the Soil Conservation Service, met with the Osceola Ministerial Association this week to plan the event. Rev. Harold Arink, pastor of the Presbyterian church, is the president of the ministerial group. Rev. Fr. Gerald Deere, pastor of St. Bernard Catholic church, is also cooperating in the observance.

Those wishing to attend the tour will meet at the Osceola Post Office at 9 a. m. next Monday.

Donald A. Williams, administrator of the U. S. Soil Conservation Service, issued the following statement concerning the observance of Soil Stewardship Week:

"Twenty years ago a conservationist said that soil and water conservation will truly become a reality when it becomes an ideal in the hearts of men.

"He was thinking of the spiritual values that contribute to the satisfaction of working with the soil. He realized that the practice of modern soil and water conservation—true stewardship of the soil—must be based on something more than just financial gain and the security of one's investment in land.

"Profits and security do come from conservation farming and they are important. But money

values change. Ideals and spiritual values usually persist to guide the man who carries them in his heart.

"The continuing and growing success of Soil Stewardship Week, sponsored by the National Association of Soil Conservation Districts and various national church organizations, indicates that we have reached the time when soil and water conservation has become an ideal in the hearts of millions of people."

NOTICE OF HEARING ON APPLICATION OF JACOB COZAD FOR A PERMIT TO STORE WATER IN CLARKE COUNTY, IOWA.

Notice is hereby given that there is now on file in the Office of the Iowa Natural Resources Council, State House, Des Moines, Iowa, an application from Jacob Cozad for a permit to store water for erosion control purposes upon land generally described as the W 1/2 of the NE 1/4 and the NE 1/4 of the NW 1/4 of Section 18 and the E 1/4 of the SW 1/4 of Section 7 in T73N, R24W, Clarke County, Iowa.

Applicant requests a permit to establish and maintain storage water in the maximum amount of 159.49 acre-feet at a maximum rate of natural runoff from 617 acres throughout each year.

Notice is further given that a public hearing will be held at 10:00 a. m. on May 19, 1959, at the Office of the Water Commissioner, State House, Des Moines, Iowa, at which time and place or at any adjournment, the Water Commissioner or his Deputy will take evidence by the applicant and any other person either in support of or in opposition to the granting of a permit.

R. G. Bullard,
T17-2 Water Commissioner.

WEBB NAMED WINNER IN SOIL EVENT

Washington Township Farmer Picked By District Unit To Enter National Contest On Conservation

John Webb, Washington township farmer, has been named as the Clarke County Soil Conservation District entry in an annual nation-wide awards program.

The Clarke district is participating for the sixth year in the national contest. The contest period started on May 1, 1958, and closed on April 30, 1959.

In their regular monthly meeting held this week, the district commissioners, Adrian Fuller, Doyce Miller and Harold Brim, prepared a score sheet covering activities and accomplishments of the district in administration, conservation education, farm planning and application of conservation practices.

The commissioners selected Webb as the district entry for being the outstanding conservation farmer for the contest period. L. L. Hagie of Osceola owns the farm operated by Webb. Last summer Webb and Hagie were Clarke district winners in the Iowa Achievement Awards Program for having made the most progress in conservation work on a tenant farm.

Webb will compete with winners in soil conservation districts in the southern half of Iowa since the state is divided geographically into two competing units in this contest.

He will receive a certificate of merit presented by the sponsor in recognition of his accomplishments.

The first place soil conservation district in each competing unit will be eligible to send one member of its governing body, together with its outstanding farmer or rancher, on an all-expense paid trip to Litchfield Park, Arizona. A total of 100 men from every corner of the United States will share this caravan.

The score sheets for Iowa were submitted to the State Soil Conservation Committee and will be judged by a selected group of men who are leaders in the field of soil and water conservation.



Pupil Workbook Program Planned

All County Seventh Grade Students To Be Feted At Annual Event

All Clarke county rural and town pupils in the seventh grade will be honored at the Annual Conservation Workbook Award Program to be held on Tuesday evening, May 12, at 8 o'clock in the 4-H building in Osceola.

The program has been arranged by the Clarke County Soil Conservation District commissioners in cooperation with Ralph Evans, county superintendent. The commissioners are Adrian Fuller, chairman, Doyce Miller and Harold Brim.

Professor Ray Zinzer of the Graceland College at Lamoni will be the principal speaker. The program will also include musical numbers by pupils from Weldon and Murray.

All seventh grade pupils have prepared conservation workbooks during the current school year. The books will be reviewed by a selected committee and all students who have turned in complete books will receive awards.

The program is open to the public. All teachers, pupils and members of their families are especially invited to attend. Free refreshments will be served.

Soil Tour Is Next Monday

Rain Postponed Event Set As Stewardship Week Program Feature

"The Land Is The Lord's" is the theme of the annual program of Soil Stewardship Week, May 3-10, as the Clarke County Soil Conservation District and local churches join in a nationwide observance of the event.

Clergymen and laymen from over the county are invited to attend a soil conservation tour of two Clarke county farms next Monday morning as a part of the observance, according to Harold Anderson, work unit conservationist for the district.

Rain last Monday postponed the original date of the tour one week. Everyone interested in making the special tour is invited to meet at 9 o'clock Monday morning at the post office corner of the square in Osceola, Anderson said.

The tour will include visits to the farm of Doyce Miller, commissioner of the Clarke Soil Conservation District, and the Ruth Heinrich farm.

District Commissioners Adrian Fuller, Harold Brim and Miller arranged the county observance of the Soil Stewardship Week with Rev. Harold Arink, pastor of the Presbyterian church, and other members of the Osceola Ministerial Association, as well as Rev. Fr. Gerald Deere, pastor of St. Bernard Catholic church.

"With favorable weather we are certain of having an interesting tour of the two farms that will demonstrate the achievements of soil conservation practices by our own neighbors," Anderson said.

115 WORKBOOK STUDENTS TO HEAR ZINZER

5-7-59

Seventh Graders In Soil Projects To Be Honored At Awards Program Next Tuesday Evening

More than 115 seventh grade pupils from the Clarke Community, Murray Community and rural school districts of Clarke county will be honored for their soil conservation workbooks at the annual Award Program to be held at 8 o'clock Tuesday evening, May 12, in the 4-H building on the fairgrounds.

Dr. Ray Zinzer of Graceland College, Lamoni, will be the guest speaker as a highlight of an interesting program that has been planned to interest both parents and pupils, Harold Anderson, work unit conservationist of the Clarke Soil District, said.

All boys and girls who completed their workbooks will be honored as they are awarded appropriate ribbons for ratings in four classes. The presentation of the awards and workbooks during the program will be the climax of the event, Anderson said. Refreshments will follow the program.

Dr. Zinzer has made a strong impression during two recent civic meetings of farm and business people in Osceola and his appearance on the program will add keen interest to the event, Anderson said in urging all seventh grade pupils and their parents to attend.

Another special feature will be a display of a model farm showing conservation practices made by pupils of the Groveland school under the direction of their teacher, Lola Hunt. The pupils include: Elizabeth Wolfe, Clifford Blanchard, Mike Kendall, Lynn Blain, Marlin Eddy, Steven Reynolds, Karen Blanchard, James Blanchard and Mike Hoops.

Adrian Fuller, chairman of the Clarke Soil Conservation District commissioners, will be master of ceremonies for the program which will include the following:

Invocation by Rev. Harold Arink, pastor of the Presbyterian church.

Baritone solo by Paul Bashor of the Weldon school.

Trumpet trio of David Fenn, Jerry Davidson and Tracy Fulmer, accompanied by Selma Thompson, all of the Murray school.

Comments by Charles White, principal of the Osceola Junior high school, and Ralph Evans, county superintendent.

Presentation of awards by Harold Anderson.

69 New Cooperators In Growing Soil District

5-7-59

There were 69 new cooperators in the Clarke County Soil Conservation District for the past year's program, according to a report of Harold Anderson, work unit conservationist.

Thirty-nine farmers in the county had basic conservation plans underway during the year's work program, the annual report of the district commissioners shows.

Following are the new cooperatives by townships:

Liberty Township: Keith Proudfoot, owner; John Whitehead, operator; Critchfield Est., owner; Leo Manley, operator; Ivel Miller, Donald D. Miller, Donald D. Miller and Ivel Miller, E. E. Miller.

Fremont Township: Keith Proudfoot, Harold Schaffer, Ted Glascock, H. L. Anderson, Carl Alexander.

Washington Township: John L. Putney; K. D. Sauder, owner; Harvey McIntosh, operator; Arthur Fitzgerald, Marvin Osgood, Olin Marquis, owner; James Handrock, operator; J. H. Linsley, Ivel LaVere Leeka, K. E. Weakland.

Madison Township: John McCuddin, Marion Millsap, Lester E. Goodman, Reed P. Jordan, E. O. Retherford.

Troy Township: Arthur Boor, L. A. Edwards, Guy Vanderlinden.

Ward Township: Harold Simms, Floyd Overton, Dale Stephenson, Eula Marquis, owner; Arthur Pontier, operator; M. D. Miller.

Osceola Township: William and Marguerite Swan, owners; James Sheesley, operator; Olin Marquis, Merle C. Ferguson, owner; Dick Bell, operator; Myron C. Castor, B. F. Miller, owner; Jack Hellman, operator.

Jackson Township: Ralph

Smith, Olin Marquis, owner; William Chase, operator; Eula Marquis, owner; John Dolph, operator; A. C. Huss, Jr.

Franklin Township: Lloyd Phillips.

Green Bay Township: Walter B. Carney, Ardith Elliott, Arthur P. Pontier, Joe C. Schweers.

Knox Township: Charles Morris, Jess George, Floyd Twombly, owner; Allen Weeda, operator; T. G. Fuller.

Doyle Township: F. B. Bell. Farmers with basic plans during the year were:

Liberty Township: Garold O'Neill, Ethel and Rolland Sargent.

Fremont Township: Gayl Mongar, Calvern Sanders, Paul Proudfoot.

Washington Township: Clyde Oshel, Edd Hartman, Phillip Henrichs.

Madison Township: William A. Ries, Floyd Spellerberg, Marion L. Millsap.

Troy Township: F. S. Smith, owner; Earl Latham, operator; Basil Willett.

Ward Township: Evart Brooks, Sarah Page.

Osceola Township: W. L. Lee-son, Ralph Palmer, W. A. Touet, B. E. Reish.

Jackson Township: Ralph Jones, Clark and Robert Diehl, Glen V. Curtis.

Franklin Township: Charles Donley.

Green Bay Township: Walter Carney, L. E. Johns, Ralph Palmer, owner; E. C. Driskill, operator; L. M. Gorsline, Carl George.

Knox Township: Charles Deaver, Floyd Twombly, owner; Allen Weeda, operator, T. H. Swain.

Doyle Township: James Hickman, owner; Olin Reasoner, operator; Carroll Crum, Lowell Cochran, Francis Chamberlain.

Clergymen Show Interest In Conservation



Four Clarke county clergymen were among the group which made a conservation tour of the Doyce Miller and Mrs. Ruth Heinrich farms in Osceola township Monday morning as a part of Soil Stewardship Week in the Clarke County Soil Conservation District. Local clergymen had also devoted Sunday sermons to the theme of the national week's slogan, "The Land Is the Lord's."

The group pictured before a mile-long

multi-flora rose fence on the Miller farm includes, from left: Lyle Miller, who acted as host for the tour; Harold Anderson, work unit conservationist for the district; Rev. Harold G. Arink, pastor of the Presbyterian church; Rev. Warren Hile, pastor of the Christian church; Rev. Azel L. Smith, pastor of the First Methodist church; Mrs. Florence Bell of Murray, farm owner in Troy township, and Rev. R. W. Leiske, pastor of the Seventh Day Adventist church.

Visit On Miller-Heinrich Farms To Study Soil Plan

Pastors of several Clarke county churches joined laymen Monday in an extensive tour of conservation projects and practices on two farms in Osceola township as a part of the observance of Soil Stewardship Week, May 3 to 10.

Keen interest was expressed by the group as they visited a variety of conservation projects on the farms of Doyce Miller and Mrs. Ruth Heinrich.

The nearly 500 acres on the op-

posite side of the east-west gravel road are owned separately but the entire tract is farmed by Miller.

All of the area has been operated for several years under a complete program of conservation practices and is an outstanding example of the achievements possible under the plan, Harold Anderson, work unit conservationist of the Clarke County Soil Conservation District told the group on the tour.

The Miller farm included multi-flora rose fence on contour to divide crop land from pasture for the well known Miller Angus cattle, standard terraces, grass waterways and farm ponds.

A major project on the Heinrich land is an erosion control dam that has formed a pond covering nearly two acres to control gulley erosion in the main drainage way on the farm.

Achievements Are Listed

Soil Conservation Progress

This is the concluding article of a series in the Osceola newspapers presenting the 1958 annual report of the Clarke County Soil Conservation District.

The preceding articles have given a month-by-month account of the highlights of the activities in the soil conservation program with the district.

The report showed a year of steady progress with the program in Clarke county.

In the following table are found the statistics which give a clear picture of the actual work achieved by the Clarke county district during the past year and the total in each category since the program was started:

PRACTICES APPLIED ON ALL FARMS

Practice	Unit	In 1958	To Date
Contour Farming	Acres	852	33,258
Contour Strip Cropping	Acres	74	1,563
Standard Terraces	Miles	15.37	110.14
Diversions	Miles	6.48	61.06
Sod Waterways	Acres	63.72	1,429
Concrete Flumes	No.	0	3
Drop Inlet Dams	No.	12	45
Farm Ponds	No.	104	953
Land Smoothing	Acres	0	175
Tiling	Lineal Feet	0	8,710
Open Drains	Miles	1.41	10.25
Farm Drainage	Acres	76	506
Land Clearing	Acres	0	1,232
Pasture Improvement	Acres	158	3,943
Fish Pond Improvement	No.	82	468
Wildlife Area Improvement	Acres	82	518
Multiflora Rose Fence	Rods	602	10,325
Tree Planting	Acres	11	22

SOIL WORKBOOK STUDENTS EARN HIGH RATINGS

Over 200 Attend Program To Honor Seventh Graders For Conservation Work; Zinser Praises 115 Pupils

Twenty-seven seventh grade pupils won blue ribbon awards for their top rating in the 1958-59 conservation workbook program sponsored by the Clarke County Soil Conservation District in cooperation with Clarke county schools.

A total of 115 students received appropriate ribbons for ratings in four classes at the recognition program held Tuesday evening at the Osceola 4-H building and attended by over 200 people.

Dr. Ray Zinser of Graceland College, Lamoni, was guest speaker. The theme of his talk was "Human Conservation" in which he stressed the relationship of people and the land. He included many anecdotes of his own boyhood experiences on the farm.

Zinser commended the pupils highly for their work in conservation. He also emphasized the importance of continuing their education and becoming strong morally and spiritually, as well.

A highlight of the event Tuesday evening was the display of the model "conservation farm" prepared by Groveland school pupils and their teacher, Mrs. Leland Hunt.

Placings of all pupils who submitted workbooks and their schools are listed as follows:

Rating No. 1

Janice Blanchard, Groveland; Merna Chipps, Osceola; Dwight Edgington, Ward Center No. 5; David Edgington, Ward Center; Annie Laurie Davenport of Woodburn; Marilyn DeLong, Ward No. 5; Margaret Ford, Ward No. 9; Michael Andrew Fertig, Hebron; Larry Hubbard, Woodburn; Sharon Hoffman, Woodburn; Lois Ann Herndon, Woodburn; Eric W. Johnson, Barnard No. 7;

Susan Kimmel, Osceola; Patty Potter, Weldon school; Dennis L. Page, Vernon; Debra Mae Rodda, Ward No. 5; Cheryl Randol, Pleasant Ridge; Lyle F. Rychovsky, Woodburn; Judy Sheesley, Osceola; Lois Ann Sadoris, Ward No. 9; Keith Stearns, Woodburn; Joyce Stubbs, Osceola; Wald Stubbs, Osceola; Loretta J. Utley, Barnard No. 7; Ron Woods, Osceola; Dowell Kearney, Osceola.

Rating No. 2

Norman Burdett, Hebron; Wendell Brierly, Weldon school; Frank Baker, Osceola; Roy Bonnett, Osceola; Betty Bowlsby, Ward No. 7; Sam Bond, Osceola; John Blake, Osceola; Bill Carper, Osceola; Larry D. Carson, Victor; Lucille Cook, Osceola; Sharon Carter, Osceola;

Tom Dunn, Osceola; Gene L. Davis, Osceola; Larry Donley, Woodburn; Florence E. Dodd, Osceola; Diane Eddy, Knox No. 6; Dwayne Foland, Ward Center; Jean Garner, Jamison; Susan Hunter, Osceola; Norma Hindman, Osceola; Janet Johnson, Osceola; Doreen Kahlhamer, Osceola; Joe Kilkenny, Osceola; Robert A. Macey, Osceola; Ruth E. McCloney, Jamison;

Randy Patterson, Osceola; Vicki Reynoldson, Osceola; Norma Stearns, Woodburn; Alan Swegle, Osceola; Shari L. Smith, Jackson No. 5; Elleen Snider, Osceola; Van Underwood, Osceola; William Wright, Woodburn; Pamela White, Osceola; Ronald Whitham, Woodburn; Lois Winter, Osceola; Judy Wilkins, Knox No. 4.

Rating No. 3

Jay Browns, Murray school; Larry Coffman, Snider; Judy Lou Dugger, Murray school; Bill Dunn, Osceola; Sue Ferber, Osceola; Jim Fortune, Osceola; Judy Green, Osceola; Harold Glazebrook, Osceola; Mickey F. Glenn, Osceola; Delores Hotovec, Osceola; Mary Louise Jones, Murray school; Merlyn Kline, Osceola; Deloris J. Keller, Osceola;

Linda Lamb, Osceola; Gary Liggitt, Osceola; Stan Leeson, Osceola; Tana S. Miller, Osceola; Judy McConnell, Osceola; Larry Morris, Osceola; Richard McKnight, Osceola; Bobby McCloney, Osceola; Norma Miller, Osceola; Beverly McDowell, Os-

Furrow Queen Contest Planned

Clarke, Other Districts Will Again Have Girls In Contest

Plans are under way for the 199 Iowa "Queen of the Furrow" contest. William H. Greiner, secretary of the State Soil Conservation Committee, announced last week.

Once again the contest will be co-sponsored by the State Soil Conservation Districts of Iowa, and United States Steel Corporation's American Fence dealers.

According to Greiner, the contest has become a gay summer tradition for the Hawkeye state. More than 80 district contests will be held throughout Iowa during June and July. Two girls from each district will be chosen to compete with other district representatives at one of nine regional contests to be held during August at various county fairs.

District winners will receive stainless steel bracelets. The nine lucky regional winners will be presented 21-jewel wrist watches, and a chance to compete in the finals at the Annual Conference of Soil Conservation

District Commissioners in the Hanford hotel in Mason City on Sept. 20.

According to Greiner, the 1959 queen will be selected in a colorful ceremony which will serve as a highlight of the opening day of the conference, Sept. 20. She then will reign over the conference until it closes on Sept. 22.

The new queen will receive a glamorous wardrobe which she will select herself. She will also be the honored guest at the State Field Days and Plowing Matches taking place near Sioux City on Sept. 25.

The 1956 and 1957 queens were Kay Butler Bunting of Os-kaloosa and Carol Colem Ziegler of Olin. The present queen, who will present her crown to the 1959 winner on Sept. 20, is Kay Klingaman of Waterloo, now a freshman at Iowa university.

The contest is open to single girls between the ages of 16 and 21, who live on a farm in Iowa. The queen will be chosen for her poise, personality, intelligence and personal attractiveness. Applicants must register on official entry cards available at District Soil Conservation offices and local American Fence dealers.

The nine regional contests

where finalists will be selected are to be held at the following fairs:

Marion County Fair, Knoxville, August 7; O'Brien County Fair, Primghar, August 11; Page County Fair, Clarinda, August 13; North Iowa Fair, Mason City, August 14; Boone County Fair, Boone, August 17; All Iowa Fair, Cedar Rapids, August 19; Audubon County Fair, Audubon, Aug. 20; Winneshiek County Fair, Decorah, August 22; West Liberty Fair, West Liberty, August 24.

Clarke District To Observe Soil Week June 7-14

Soil and Water Conservation Week will be observed in Iowa from June 7 through June 14, according to Harold Anderson, Work unit conservationist of the Clarke County Conservation District.

Anderson said that full observance of the annual week emphasizing the importance of soil and water conservation will be held in the Clarke county district. He said plans are underway to stress the benefits gained and being planned by local farmers through the conservation program.

This marks the state's twenty-second observance of conservation week. Prior to 1955, "water" was not included in the week's title.

Soil and Water Conservation

Week is jointly selected by the State Soil Conservation Committee and the State Association of Soil Conservation Districts as a time when special emphasis is given to conservation in Iowa.

Iowa was completely organized by 1952 into local soil conservation districts which coincide with county boundaries. The only exception to this is Pottawattamie County, where there are two local districts. Each of the local county districts is a subdivision of state government and is governed by farmer-elected commissioners.

The State Soil Conservation Committee is made up of five farmers, Secretary of Agriculture Clyde Spry, Director of Extension Floyd Andre and Adviser Frank Mendell.

The committee is responsible for administration of the soil districts law and has general supervision of the soil and water conservation program in Iowa. The committee also administers state funds provided by the state legislature to assist in the soil and water conservation program.

Osceola; Barry L. Mateer, Osceola; Lanore Neal, Weldon school; Paul Allen Nielson, Ayres; George Page, Jackson No. 5; Jimmy Phillips, Osceola; Sherryl Price, Washington Center; Ronald Propst, Osceola; Lonny Reynolds, Osceola; Sandra Sue Smith, Osceola; Dianne Stickler, Osceola; Roger Shiltz, Osceola; Carolyn Snell, Osceola; Harold Smith, Osceola.

Rating No. 4

Joyce Armstrong, Osceola; Marla Kay Ahrens, Osceola; Judy Bromley, Osceola; Dennis Bone, Osceola; David Cowden, Knox No. 3; Jim Gonseth, Osceola; Steve Gonseth, Osceola; Wayne Hill, Murray school; Gary Jones, Osceola; Kirk Pence, Osceola; Monte Rayburn, Ward No. 7; Linda I. Thompson, Murray school; Elbert D. Weakland, Osceola; Ernest Whistler, Osceola; Billy Woods, Osceola.

Typical Conservation Plan



An example of what conservation programs can do for Clarke county fields in demonstrated by Harold Anderson, work unit conservationist of Clarke County Soil Conservation District, to draw attention to the annual Soil and Water Conservation Week observance over the nation. The newly constructed terrace on the Marion Millsap farm in Madison township has been planted to corn. The terrace, Anderson explained, carried run-off water slowly to the grassed waterway shown behind him in the picture. Terraces keep the top soil in the field, Anderson said, in pointing to them as a major conservation unit.

Queen Of Furrow Contest Planned

Entries are starting to come in for the Clarke district annual Iowa "Queen of the Furrow" contest, according to Adrian Fuller, chairman of the Clarke County Soil Conservation District commissioners.

"In the past, we have had ten to twelve entries," Fuller said, "and we are expecting as many or more this year."

The local contest is sched-

ed for Wednesday evening, July 29, as a feature of the weekly concert by the Osceola municipal band in the court house square. All girls who wish to enter should do so by Monday, July 27, Fuller stated.

Official entry blanks are available at the Soil Conservation Service in the basement of the Osceola post office and at the County Extension office in the court house.

The two winners here will receive bracelets and enter the regional contest to be held Aug. 7 at the Marion County Fair in Knoxville.

The winner at Knoxville will be awarded a 21-jewel wrist watch and will compete with girls from the eight other regions in Iowa at the Annual Conference of Soil Conservation District commissioners to be held at the Hanford Hotel in Mason City Sept. 20-22. The Iowa Queen will be selected then.

The contest is open to single girls between the ages of 16 and 21 who live on an Iowa farm. The queen will be chosen for her poise, personality, intelligence and personal attractiveness.

'Queen Of Furrow' Entry List Opens In County

Clarke county farm girls are being urged to enter the annual Iowa "Queen of the Furrow" contest, according to Harold Anderson, work unit conservationist for the Clarke County Soil Conservation District.

Local girls will compete at the Clarke county contest to be held on Wednesday evening, July 29, as a feature of the weekly concert by the Osceola Municipal band in the court house square. The two winners here will receive bracelets and enter the regional contest to be held Aug. 7 at

the Marion County Fair in Knoxville.

Official entry blanks may be secured at the Soil Conservation office in the basement of the Osceola post office in the court house.

The "Queen of the Furrow" contest, which has become an Iowa summer tradition, once again is being co-sponsored by the State Soil Conservation Districts of Iowa and the United States Steel Corporation.

Besides her prizes the new queen will be the honored guest

and hostess of the Annual Conference of Soil Conservation District Commissioners to be held at the Hanford hotel in Mason City, Sept. 20-22. She also will reign over the State Field Days and Plowing Matches taking place near Sioux City on Sept. 25.

The contest is open to single girls between the ages of 16 and 21, who live on a farm in Iowa. The queen will be chosen for her poise, personality, intelligence and personal attractiveness.

Furrow Queen Contest Entries Close July 28

Four of the several contestants expected to compete locally this morning included the following:

Alice Adams, Weldon.
Glenda Hendrickson, Weldon.
Kathryn Lewis, Woodburn.
Carolyn Sanderson, Osceola.

Entry blanks are available at the office of the Soil Conservation Service in the basement of the Osceola post office building, or from the County Extension Office in the court house.

Judges will select two of the girls from the Clarke district contest here to represent the district at the regional contest to be held on Friday, Aug. 7, at the Marion County Fair.

Regional contest winner will receive a 21-jewel wrist watch and the opportunity to compete against eight other regional winners in the statewide finals at the Hanford hotel in Mason City on Sept. 20.

Designed to increase public understanding and appreciation of soil and water conservation, the Queen of the Furrow contest is co-sponsored by the Soil Conservation Districts of Iowa, and United States Steel Corporation.

The new queen will select a free, glamorous wardrobe for herself and appear as hostess at the Soil Conservation District Commissioners Annual Conference and the Iowa Field Days and Plowing Matches to be held near Sioux City on Sept. 25.

Soil District Shows Clarke County Farm Progress

7/30/59
The Clarke County Soil Conservation District was organized in the spring of 1945 by action of county land owners through a special referendum.

At that time three commissioners were elected to manage the business of the new district.

They were Frank B. Gonseth, H. S. Klein and Ralph H. Wiant (deceased).

Others who have served as commissioners since that time include Howard Mark, Vern Airy, Wayne O'Neill, Carl Handrock, Adrian Fuller, Doyce Miller and Harold Brim.

Fuller, Miller and Brim are the present commissioners with Fuller serving as chairman. Steve Evans, county extension director, serves as secretary of the Board of Commissioners.

Upon organization, the district immediately entered into memoranda of understanding with the Iowa Agricultural Extension Service and the United States Department of Agriculture.

The Extension Service was instrumental in furthering organization of the District, and the memorandum provided for continued cooperation and assistance.

The Commissioners adopted a program which stated the objectives of the district, and prepared a work plan which set forth the methods of reaching these objectives.

The memorandum with the U. S. D. A. provided for the assignment of Soil Conservation Service personnel to assist the district in carrying out soil conservation work with land owners and operators in Clarke county.

Since the inception of the district, SCS personnel have been supervised by E. E. Smith, Jr., area conservationist, with headquarters in Chariton.

Smith was formerly a district conservationist in charge of a four-district area, but at present he has an eight district area consisting of Clarke, Lucas, Marion, Mahaska, Monroe, Appanoose, Wayne and Decatur counties.

The first farm planner and work unit conservationist in the Clarke District was Lyle Riedinger who served from the fall of 1945 to the fall of 1953 when he was transferred to Osceola County Soil Conservation District with headquarters at Sibley. At present he is work unit conservationist in Kossuth District at Algona.

SCS conservation aids assigned here as different times were R. E. Ashley, Jr., James Fluke and T. J. Laing.

Other employees who have assisted were Ron Mooberry, Loren Bishop, Herbert Davison, Lyle Miller, Dean Gardner, Robert Rowland, Robert Diehl and Douglas Price.

In Iowa, the State Soil Conservation Committee administers the law under which Soil Conservation Districts operate. The committee consisted of seven members and an advisory member. They are: five bona fide farmer members, living on farms, appointed by the Governor and confirmed by the senate; the Dean of Agriculture, Iowa State University, and the State Secretary of Agriculture or a member designated by him. The Advisory member is the State Conservationist of the Federal Soil Conservation Service. An executive secretary is employed by the committee to carry out policies and administrative actions prescribed by the committee.

Included in the administrative duties of the State Committee is the rendering of financial aid and assistance to soil conservation districts as provided by law.

State funds provide for some clerical and technical help, in addition to office equipment, supplies, commissioner's expenses and other operating expenses.

Office assistants who have been employed with state funds were Sharon Eddy, Jan Gardner, Maria Weakland, Evelyn Page and Linda Smith.

Present members of the Soil Conservation Service work unit assigned to the Clarke County Soil Conservation District are Harold M. Anderson, work unit conservationist and farm planner; Erwin O. Aust, soil conservationist who assists with farm conservation planning; T. J. Laing, conservation aid, and Robert D. McNeal, conservation aid.

Mrs. Donna Armstrong, a life long Clarke County resident, is clerk and office assistant paid from state funds, mentioned previously. Mrs. Armstrong also serves as treasurer of the district.

T. J. Laing, formerly of Russell, was assigned here in 1958.

Harold Anderson, a native of Montgomery county, was transferred here in May, 1954, from Albia.

Erwin Aust, whose parental home is at Storm Lake, was transferred to Osceola from Chariton this summer.

Robert McNeal, also a life-long resident of Clarke county, has been employed here several

years, taking time out from 1956 to 1958 to serve with the United States Army.

Clarke county farmers have made great strides in soil conservation work since they organized the Clarke County Soil Conservation District fourteen years ago. However, a great deal more remains to be done.

Whole hearted cooperation of all of the agricultural agencies is an important factor in the overall success of the district program. These agencies are the

Soil Conservation Service, the Agricultural Conservation Program Service, the Extension Service and the Farmers Home Administration. The State Conservation Commission assists with the forestry and wildlife phases, and the Vocational Agriculture Departments of Murray and Osceola high schools help many pupils and their parents with conservation work.

Following is a work report of the Soil Conservation Service prepared June 30, 1959 showing conservation accomplishments from 1945 to 1959:

District cooperators (No.), 673.
District cooperators with basic conservation plans (No.), 492.

Contour farming, 34,026 acres.
Contour strip cropping, 1,563 acres.

Brush control, 1,232 acres.
Pasture renovation and establishment, 5,240 acres.

Reforestation natural, 89 acres.
Tree planting, 37 acres.

Fish pond improvement (stocking) (No.), 444.

Multiflora rose planting, 10,898 rods.

Wildlife area improvement, 550 acres.

Diversion terraces, 63 miles.

Drop inlet erosion control dams (No.), 45.

Drop spillway erosion control dam (No.), 1.

Farm ponds (No.), 990.

Standard terrace, 111 miles.

Waterway development, 449 acres.

Drainage (area benefitted), 54 acres.

Open drainage ditches, 11 miles.

Tiling, 8,710 lin. ft.

Land smoothing, 175 acres.

Alice Adams, Peggy Fenn Are Named Furrow Queens

7/30/59
Alice Adams, 17, and Peggy Fenn, 16, were the winners of the Clarke Soil Conservation District contest for the state "Queen of the Furrow" title.

Before a large crowd, the two local queen candidates were selected from a field of seven Clarke county candidates as a feature of the Osceola City Band concert program Wednesday evening in the court house park.

The two winners of the contest here will represent the Clarke Soil Conservation District in the regional contest which will be a feature of the Marion County Fair at Knoxville on Friday, Aug. 7, according to Harold Anderson, work unit conservationist of the Clarke conservation district, who was chairman of the local contest.

"Clarke county could well be proud to be represented by any of the girls who entered our local district contest this year," Ward Reynolds, master of ceremonies, said as he introduced the contestants.

Anderson joined in praising the girls who entered the contest as "fine representatives of our area." He said that judges declared that the competition was keen and that the decisions were difficult.

The contestants included: Alice Adams, daughter of Mr. and Mrs. Dale Adams of Weldon.

Glenda Hendrickson, daughter of Mr. and Mrs. Gerald Hendrickson of Weldon.

Kathryn Lewis, daughter of Mr. and Mrs. H. H. Lewis of Woodburn.

Carolyn Sanderson, daughter of Mr. and Mrs. Virgil Sanderson of Osceola.

Evelyn Mary Kelso, daughter of Mr. and Mrs. Don Kelso of Osceola.

Rita Diehl, daughter of Mr. and Mrs. Perry Diehl of Osceola.

Peggy Fenn, daughter of Mr. and Mrs. Clarence E. Fenn of Murray.

When the two winners from the Clarke Soil Conservation District compete in the regional

Erwin Aust Joins Conservation Staff

Erwin Aust, who has been on the staff of the Chariton office since last November, has been assigned as soil conservationist on the staff of the Clarke county district, according to Harold Anderson, work unit conservationist of the local district. Aust served on the Clarke district staff for a time last summer and went back to Iowa State College at Ames to graduate last winter.

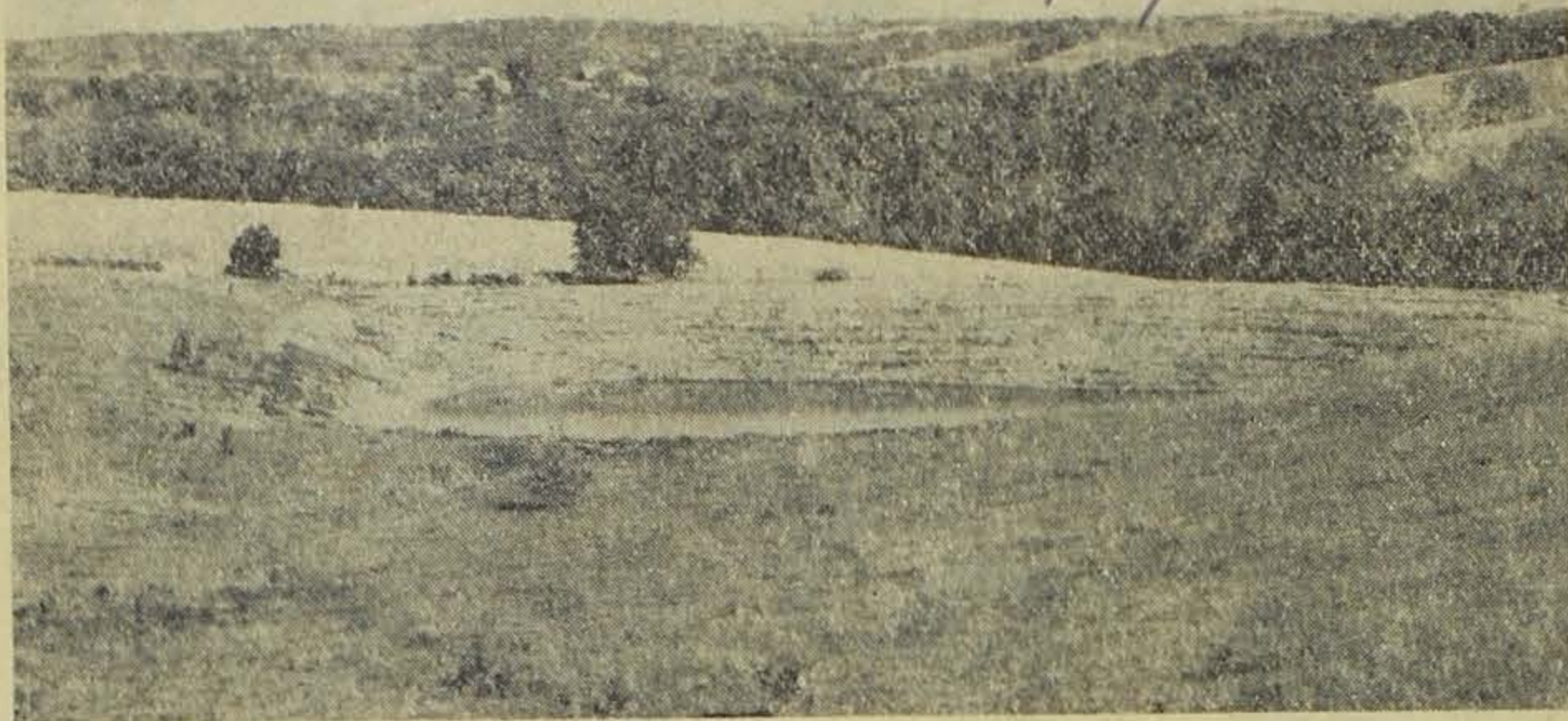
Conserving Soil Had Support Of 1887 Sentinel

For many years the people of Clarke county, and the editors of the Sentinel have been champions of soil conservation. In February, 1887, the Sentinel printed this quote from the Winterset Madisonian:

Half a dozen years ago we began to preach the gospel of grass. It has proved a true and blessed gospel to Madison county. A couple of years ago some farmers were apprehensive that we had gone too far that there was too much grass. We told them if they thought so they had better plow it up and raise some corn. But we have heard of no hay that has not been needed, nor have we heard of grass going to waste. We need it nor have we heard of grass being a detriment. It is better to have plenty of grass and a few corn cobs at times than to have a sound sense, and a cable to Clarke County. —Osceola Sentinel, Feb. 17, 1887.

Progress In County Soil, Water Projects

*Centennial Paper
7/30/59*



Clarke District Farms Examples Of Conservation

Progress in Clarke county has always been based on primarily the progress in its agricultural industry and the steadily increasing interest of farmers of the area in the conservation of soil and water is a key point in the entire picture.

Clarke county farmers have rapidly moved into the use of conservation practices during recent years and the favorable results are evident in all townships in the county.

period from Jan. 1 until June. Farmers in Iowa's 100 Soil Conservation Districts developed and started to apply 3,371 soil and water conservation farm plans in 1958, according to State Conservationist Frank H. Mendell of the Soil Conservation Service. Beside, 1,820 farm plans are estimated to have been developed so far this year.

The new conservation plans, plus those developed in 1958,

One of the newest examples of the practical progress that has been made in Clarke county farms through the use of the soil and water conservation programs over the years is the pond pictured on the Marion Millsap farm in Madison township. The newly completed pond was filled to a depth of four feet, as shown in the picture, as the result of just one day's rainfall last spring. Conservationists point out that it is an example of how much moisture would have been lost in one area from just one rainfall.

bring the total for Iowa to more than 47,500. "This accomplishment of Iowa farmers is of special significance in connection with Soil Conservation Week," said Mendell. "It means that our vital land resources on these farms are being protected from depletion and erosion."

Iowa is one of the foremost states in total conservation achievement, he said. More than 69,000 farmers are cooperating with their Soil Conservation Districts by applying complete conservation plans or practices leading to the development of complete plans. Terracing is one of Iowa's most important practices, according to Mendell. The 35,000 miles constructed to date protect about 490,000 acres of crop land.

Most conservation farm plans

specify grassed waterways to prevent gully erosion in natural draws. Nearly 110,000 acres of grassed waterways have been constructed to date on Iowa farms.

Soil Conservation Service field technicians assigned to local Soil Conservation Districts have helped plan and supervise construction of more than 20,000 farm ponds for livestock water. In some cases, the ponded area performs a secondary purpose for erosion control.

Other conservation accomplishments include more than 257,000 acres of strip cropping, 286,412 rods of hedgerow plantings, and nearly 34,200 acres of wildlife areas.

Farmers in the 100 Soil Conservation Districts have built

more than 4,735 water and erosion control structures. Some of these structures lower water safety to control gully erosion;

some are for water storage; while others detain water temporarily to reduce peak flow. In addition, farmers, in cooperation with local districts, installed improved drainage systems of 603,933,563 lineal feet of tile or approximately 1,200,000 acres. They have also developed approximately 36,000 acres of wildlife improvement areas.

In 1954, Congress passed the small watershed bill making it possible for farm owners and operators living in any given area in the United States to apply for federal assistance with their conservation problems.

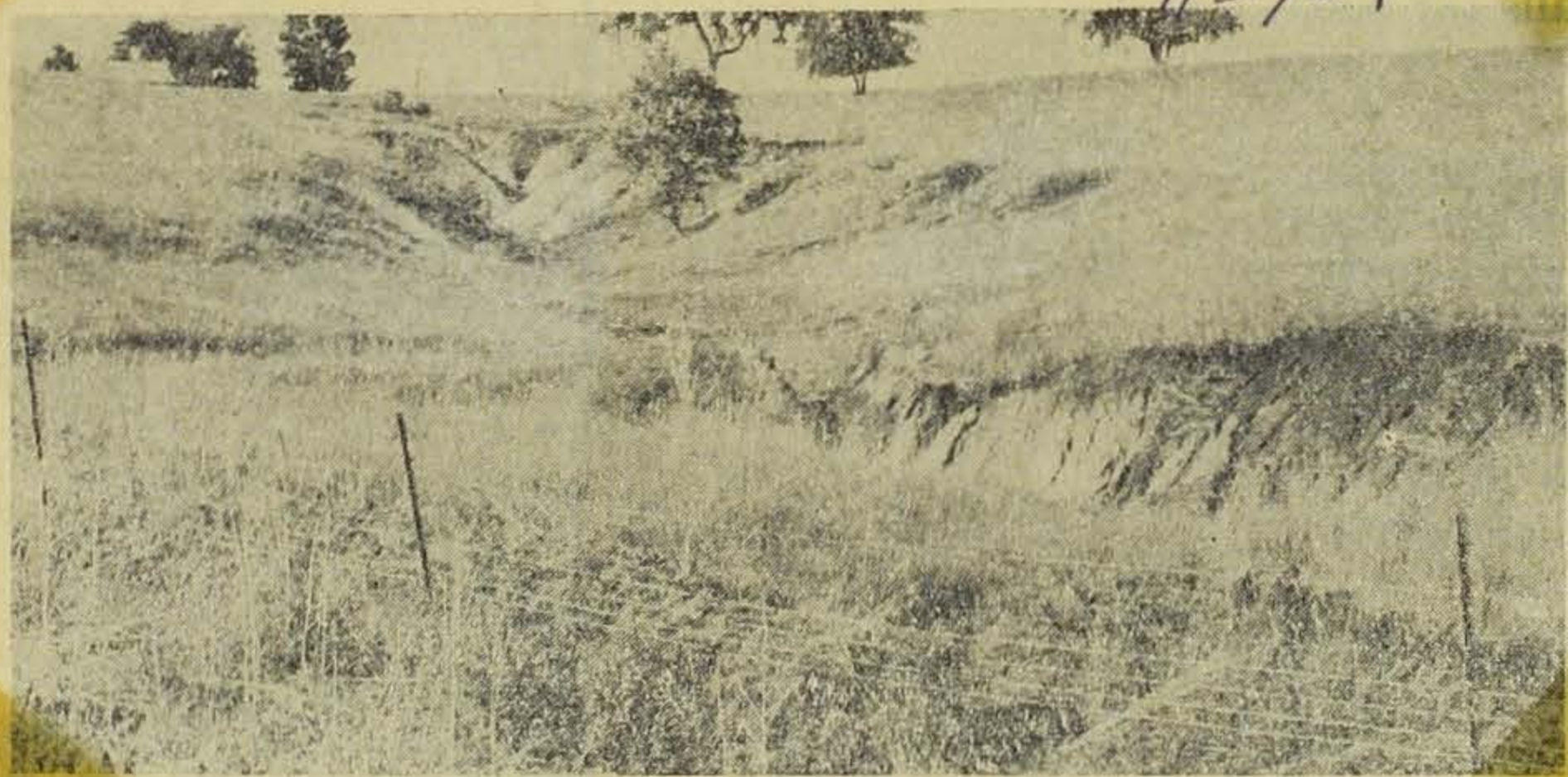
The only limitation on size of watersheds is the maximum of 250,000 acres. In determining the boundaries and the area to be included in the application, con-

sideration should be given to such factors as: 1. The required to complete the project. 2. Progress made to date in conservation measures. 3. City, county, state and federal interests involved. 4. Interest of people and groups concerned. 5. Area or areas receiving the most benefits. 6. Bottomlands that would be benefited.

Experience has shown that one of the most decisive factors in the success or failure of any community project is the interest and cooperation of the people involved. This is very true in the watershed program, where people within the watershed must have a genuine interest in the project or it will be very difficult for it to succeed.

Erosion That Progress Is Correcting

7/30/59



Handrock, Jones, Blanchard, Bonnett

County Conservation Farm Winners

Carl Handrock, Alfred Jones and Clarence Blanchard and Harold Bonnett have been chosen to represent the Clarke County Soil Conservation District in the three divisions of the Iowa Soil Conservation Achievement Award program, according to Adrian T. Fuller, chairman of the district commissioners.

The winning farms were selected by a committee consisting of Adrian Fuller, Doyce Miller and Harold Brim, district commissioners; Harold Anderson, Work Unit Conservationist, and Steve Evans, County Extension Director. The committee visited the farms and reviewed the records of accomplishment on each.

Carl Handrock, former commissioner, and long time conservation farmer, operates his

360 acre farm in Washington township.

He was chosen in Division No. 1 which recognizes the farm on which the cooperator has accomplished the most complete conservation program as determined by the land use program and soil conservation practices adopted. Carl and his son Jim, who operates the Olin Marquis farm in Washington township work together.

Highlighting the conservation practices on the Handrock farm are pasture renovation and establishment of permanent meadows. A great deal of forage is needed for the purebred Hereford herd. Forty-seven acres were limed, fertilized and seeded to birdsfoot trefoil this spring. Other practices include a large erosion control dam con-

structed in 1957, two miles of waterway development, as well as standard and diversion terraces. Part of the permanent meadows are used for rotation pasture. These fields are plowed and farmed to one year of row crop on the contour only when it is necessary to reestablish the seeding.

Clarence Blanchard and his landlord, Alfred Jones of Osceola, were the winners in Division No. II which is open to tenant operated farms on which the best conservation programs have been established and maintained by the joint effort of landlord and tenant.

The conservation plan for this farm was developed in 1957. Blanchard has operated the farm for the past 3 years and has done an excellent job of applying and maintaining conservation practices in cooperation with Jones and the Soil Conservation District.

All sloping land is farmed on the contour with contour field divisions already well established. Multiflora rose has been planted to serve as living fence on some of the field divisions. Some terracing has been done with a total of three and one-half miles planned for construction over a period of time. Other practices include waterway development, pasture renovation and five acres of tree planting.

Harold Bonnett, Fremont township, was named as winner in Division III. This division is open to any farmer who became a new soil conservation district cooperator in 1957 or later. Bonnett was judged as having made the most progress toward carrying out needed soil and water conservation practices.

In the spring of 1957, Bonnett started an extensive contour strip cropping system. Forty-seven acres were laid out then, with forty-nine additional acres established in the spring of 1958. Out of a total of 116 acres of cropland, 96 acres are strip cropped.

With two separate areas in strips, each year one acre can have strips of oats and meadow, and the other can have strips of corn and meadow. Thus, one of the areas each year can be used as rotation pasture after oats are harvested.

Other practices include waterway work, establishing permanent meadow seedings and a farm pond.

Many of the practices underway on all of the winning farms have been installed with federal cost-sharing assistance provided through the Clarke County ASC Committee.

The Clarke district entries will compete with winning farmers in the ten other districts which along with Clarke comprise Region No. 6. These are Madison, Warren, Mahaska, Marion, Lucas, Monroe, Davis, Appanoose, Wayne and Decatur counties.

Winners in the nine regions in Iowa will be determined by Aug. 15. They will receive proper recognition and enter state competition.

The State Judging Committee will select state winners by Aug. 27. Awards to regional and state winners will be made on Sept. 22 at the annual meeting of soil district commissioners in Mason City.

The sweepstakes winner in the state from the first two divisions will be the farm with the best conservation program. The winning farmer-operator will receive a U. S. \$500 Saving Bond. State winners in each of the divisions will receive proper awards.

This program is sponsored by the Iowa Association of Soil Conservation District Commissioners, Iowa State Soil Conservation Committee, Iowa State College Extension Service, State Department of Agriculture, U. S. Soil Conservation Service, the Soil Conservation Society of America, the Des Moines Register and Tribune and the Iowa Farm and Home Register. Purpose of the program is to encourage better land use on farms in Iowa.

As Soil District Commissioner

Doyce Miller Gets Region Honor

Doyce Miller, one of the three commissioners of the Clarke County Soil Conservation District, has been named the outstanding commissioner in Region No. 6. Adrian Fuller, Chairman of the commissioners, announced today.

The third member of the Clarke District Governing Body is Harold Brim of Fremont township.

Miller was selected last Friday night at Chariton at a meeting of commissioners from the eleven soil conservation districts in Region No. 6. These districts, in addition to Clarke, are Madison, Warren, Mahaska, Marion, Lucas, Monroe, Davis, Appanoose, Wayne and Decatur.

Miller will compete with the winners from eight other regions for selection as outstanding commissioner in the state of Iowa. The state winner will be chosen at the annual meeting of soil district commissioners in Mason City, Iowa, on Sept. 20-22.

Miller is serving his third year as district commissioner and is a tireless worker in promoting soil conservation. His principal activity at present is helping organize the Otter Creek watershed.

The conservation work done on the Miller farm and on the Ruth



Doyce Miller

Heinrich farm operated by the Millers is outstanding in every respect. The Millers are also well known for their prize winning purebred Angus cattle.

In 1954 before he became a commissioner, Doyce and his sons, Lyle and Jack, were District winners in Division No. 2 of the Iowa Soil Conservation Achievement Awards program. He was also named an Iowa Master Farmer in 1954 and the family won the W. G. Skelley award in 1955.

Clarke County Girls In Regional Queen Contest

Two attractive Clarke county girls will represent the Clarke Soil Conservation District in the Region 6 contest for Iowa's "Queen of the Furrow" title on Friday evening, Aug. 7, at the Marion County Fair in Knoxville.

Alice Adams and Peggy Fenn will be representing Clarke county in the contest at Knoxville for the right to represent the region in the state finals.

The regional contest is scheduled to start at 7:45 Friday evening as the highlight of the Marion County Fair's evening program. Winner of that contest will go on to the state finals to compete for the title of Iowa's "Queen of the Furrow."

Miss Adams, 17, is the daughter of Mr. and Mrs. Dale Adams Weldon.

Miss Fenn, 16, is the daughter of Mr. and Mrs. Clarence E. Fenn Murray.

Clarke county's two contestants in the regional contest will be accompanied by Miss Judy

Blakely, who won the regional contest for the Clarke Soil Conservation District and went on to compete in the state finals last year.

The regional contest winner will receive a 21-jewel wrist watch and the opportunity to compete against eight other regional winners in the state-wide finals to be held on Sept. 20 at the Hanford Hotel in Mason City.

The Clarke Soil Conservation District and other districts throughout the state sponsor the local contests and the state organization makes the queen contest a major event of its annual meeting in September.

Soil Pictures Asked For Contest

The 1959 Conservation Photo Contest, sponsored by the Iowa Chapter of the Soil Conservation Society of America, is in full swing according to Harold M. Anderson, work unit conservationist for Clarke county Soil Conservation District. Ernie Behn, contest chairman, says more inquiries have been received by July 1st than were received during the entire contest last year.

Plan now to get pictures of bean cultivation, oats harvest, hay making or any other suitable subject. If you need entry blanks write to Ernest E. Behn, R. R. 1, Boone, Iowa, and they will be supplied free of charge, Anderson said.

County Queens In Contest



Alice Adams, left, and Peggy Fenn will represent the Clarke Soil Conservation District in the Region 6 "Queen of the Furrow" contest to be held on Friday evening, Aug. 7, at the Marion County Fair at Knoxville. Winner of the regional contest will enter the finals for the state crown.

Peggy Fenn Is 'Queen' Winner

Peggy Fenn, 16-year-old daughter of Mr. and Mrs. Clarence E. Fenn of Troy township, won the Region 6 "Queen of the Furrow" contest in competition with entries from 11 counties Friday evening at the Marion County Fair in Knoxville.

It was the second year in succession that Clarke county girls brought home the coveted regional crown. Last year it was Miss Judy Elakely who won the honor for Clarke county and went on to the state contest finals.

Miss Fenn and Alice Adams, daughter of Mr. and Mrs. Dale Adams of Weldon, were named in the local contest to represent the Clarke Soil Conservation District in the regional contest in competition with about 20 other girls from throughout this section of the state.

"We are extremely proud of the showing of our Clarke county entries," Harold Anderson, work unit conservationist, said in speaking for the Clarke Soil Conservation District.

Miss Fenn will now go on to compete with winners from eight other regionals over the state in the "Queen of the Furrow" contest finals for the Iowa title. That event will be held on Sunday, Sept. 20, as a highlight of the Iowa Soil Conservation District Commissioners' Annual Conference to be held at the Hanford Hotel in Mason City.

Clarke county's queen candidate has a busy schedule of other events before she enters the "Queen of the Furrow" finals.

A student in the junior class at the Murray Community high school this fall, she will also participate in such events as the following:

The activities at the Clarke County 4-H Fair opening today in Osceola. She has won a number of honors as a member of her 4-H club in past years.

Miss Fenn will be one of the contestants in the state baton twirling competition at the Iowa State Fair in Des Moines. She has won a number of prizes in competition in other baton twirling contests in recent years and has been conducting her own class to teach the art.

This is the seventh year that Miss Fenn has been active in the Troy Troopers 4-H club and her leaders say that she has an outstanding record.

Last year, Miss Fenn won the Baby Beef Showmanship award and the Junior Cattle Feeders' plaque at the Clarke County 4-H Fair.



Peggy Fenn

Soil Conservation Stamps Go On Sale August 27

Beginning August 26, letters by the millions will carry the beauty and the promise of modern conservation farming into nearly every home in the nation.

On that day the world's first soil conservation stamp will go on sale at Rapid City, S. D. A day later, 120 million copies of the stamp will be available at post offices throughout the country. Rapid City was chosen as the kick-off because it is the scene of events for this year's annual meeting of the Soil Conservation Society of America.

Commenting on the plans for release of the new stamp, Adrian Fuller, chairman of the Clarke soil conservation district governing body, said, "All of the conservation-minded farmers and landowners in our district should consider this a special recognition for their good work. All of us need to feel that we are contributing to the future well-being of our country and its citizens."

"It is fitting that we show some pride in the great strides we have made here in Clarke county since the soil conservation district was created back in 1945. We have conquered many of our most worrisome problems of five, ten and 15 years ago. Farmers have built nearly 1,000 farm ponds, assuring themselves of a good supply of water for livestock."

"At the same time we need to think more seriously of the many problems still unsolved. Our terracing program is well underway. However, many additional miles of terraces are needed to really control sheet erosion."

According to L. L. Hagie, postmaster at Osceola, there have been a number of queries about the new stamp, particularly by members of local philatelist groups. Many persons have asked about the method for getting "first-day covers" or souvenir envelopes stamped and mailed the first day of issue.

Major Conservation Job Underway



Men and machines are dwarfed by the depth of the gully on a Clarke county farm which is being turned into a soil and water conservation project this week. It is one of the major such soil erosion projects in the Clarke Soil Conservation District this year, according to Harold Anderson, work unit conservationist.

The project is located on the Chester H.

Woods farm in Doyle township. The 120-acres are farmed by Lester Woods, brother of the owner.

The dam will overcome a 25-foot gully that was cutting back into crop land and will have a drainage area of 36 acres. With approximately 7,900 cubic yards of fill, the project will have a water surface of nearly an acre when filled.

JACKSON FARM CONSERVATION REGION WINNER

**Jones, Blanchard Take First
In Owner-Tenant Operation;
Now To Compete In State
Wide Judging**

Alfred Jones, owner, and Clarence Blanchard, tenant, won the Region 6 title for the Clarke County Soil Conservation District in the annual state-wide contest to name Iowa farmers making the greatest achievements in that field.

The Jackson township farm, owned by Jones of Osceola and operated by Blanchard, was named by state judges as the winner in its division of Region 6 which includes 11 counties in this area. The Jones-Blanchard entry will now compete in the owner-tenant competition with other regional winners over the state.

A state judging committee headed by Frank Mendell, state conservationist for the U. S. soil conservation service, will visit the high-scoring farms winning regional honors to select the three outstanding conservation farms for state awards.

Purpose of the awards program is to encourage better farming and feeding methods, better land use and practices which will prevent soil erosion, and conserva-

tion of Iowa's soil and water resources by adoption of recommended cropping systems.

Seventh Year

The awards program, now in its seventh year, is carried on in co-operation with the local or county soil conservation districts, the Iowa Association of Soil Conservation District Commissioners and U. S. soil conservation service.

Also co-operating as co-sponsors of the program are Iowa State University (Ames), state department of agriculture, state soil conservation committee and the Soil Conservation Society of America which has national headquarters in Des Moines.

Regional and state winners will be honored and presented certificates of recognition and other awards at a noon luncheon in late September during the annual conference of Iowa district commissioners at Mason City.

There are three divisions in the contest: Division 1 for owner-operators or family-operated farms; Division 2 for landlord-tenant operated farms; and Division 3 for new district co-operators or farmers who signed up for conservation farm plans during the year 1957 or later.

Winners are selected first in the counties or local districts. These winners then compete with other district winners in their particular region. Farms scoring high in each division in regional competition then compete for honors at the state level.

Peggy In 'Queen' Finals



Peggy Fenn, 16-year-old daughter of Mr. and Mrs. Clarence Fenn of the Murray community, will represent Clarke county and Region 6 in the finals of the Iowa "Queen of the Furrow" contest to be held next Sunday evening, Sept. 20, in Mason City. Miss Fenn, who is also a champion baton twirler in this area and active in Murray high school and 4-H affairs, will be the second consecutive regional winner from Clarke county. Last year Judy Blakely represented the region in the state finals.

Gibson Bros. Stock Pond



The Gibson brothers, Don and Frank, placed more than 275 Channel Catfish in one of their seven farm ponds Wednesday morning following the annual Fish and Wildlife services distribution of 13,640 small fish to stock conservation ponds. In addition to 6,200 Catfish, 7,440 Bluegills were also distributed to pond owners.

An interesting sidelight to the 64 farmers who received stocking fish Wednesday was the witnessing of thousands of vultures migrating south. The big birds drifted over Osceola in groups of about 500 throughout the distribution period from 10:30 until noon. Many of the conservation farmers commented that they had never observed the migration before.

County Queen Candidate Praised

Peggy Fenn's Showing Earns Applause; Milford Girl Wins

9/22/59
"She didn't win the state title but we were extremely proud of the showing made by Peggy Fenn in the finals of the Iowa Queen of the Furrow contest held Sunday evening in Mason City."

That was the comment of Harold Anderson, work unit conservationist of the Clarke County Soil Conservation District, speaking for the local district commissioners, sponsors of the contest here.

Janice Radabaugh, 17, of near Ames, was selected as the 1959 soil conservation queen. She is a senior at Milford Township high school.

Miss Fenn, daughter of Mr. and Mrs. Clarence Fenn of the Murray community, represented Clarke county and all of Region 6 in the contest. There were nine candidates in the final judging from all sections of Iowa.

Peggy Fenn In 'Queen' Finals At Mason City

Miss Peggy Fenn, 16-year-old daughter of Mr. and Mrs. Clarence Fenn of the Murray community, will compete with eight other regional winners for the title of Iowa's "Queen of the Furrow" next Sunday evening at Mason City.

Miss Fenn will be representing all of Region 6 in the state contest as the candidate of the Clarke County Soil Conservation District. She and Alice Adams, daughter of Mr. and Mrs. Dale Adams of Weldon, won the Clarke county contest in Osceola on July 29 and Miss Fenn went on to win the regional title at the Marion county fair.

It was the second year in succession that a Clarke county candidate won the regional title. Last year Miss Judy Blakeley went to the state finals from Clarke county.

"We are extremely proud of Miss Fenn as our candidate and confident that she will be an outstanding representative of our county and region," Harold Anderson, work unit conservationist of the Clarke Soil District, said in speaking

9/17/59
for the local commissioners.

Miss Fenn has been active in school affairs, 4-H Club work and has won district honors as a baton twirler.

This summer the contest is again co-sponsored by the State Soil Conservation Districts of Iowa, local American Fence dealers, and United States Steel Corporation.

The contest finals will be held in conjunction with the opening dinner of the annual Conference of Soil Conservation District Commissioners to be held at Mason City's Hanford hotel, September 20-22.

Among her prizes, the new queen will receive a glamorous wardrobe. She will serve as hostess for the Soil Conservation Conference and will also reign over the State Districts' Field Days and Plowing Matches to be held near Sioux City on September 25.

The nine finalists were chosen on the basis of attractiveness, poise, personality and intelligence. Under contest rules, each girl must be single, between the ages of 16 and 21 and live on

an Iowa farm. Six of the nine finalists are 17-year-old high school seniors.

All nine have participated in their local 4-H programs, averaging five years apiece. Most of them have held a 4-H office, and between them they have amassed a sizeable number of blue ribbons.

On their respective farms, the girls' favorite chores generally involve housework or light farm work, such as gardening and feeding the animals. Several girls, though, have said that they prefer driving a tractor to any other work.

The other regional winners are: Judith Caldwell, Mount Vernon; Patricia Greiman, Garner; Janie Grindle, Malvern; Caryl Henry, Decorah; Jovita Misbach, Williamsburg; Janice Radabaugh, Ames; Janet Swanson, Alta; Charlotte Wasson, Yale.

Rushing Farm Dam To Completion



Three of the earth moving machines which are building the largest farm pond ever constructed in this area are shown here as they move some of the 37 thousand cubic yards of earth to be used in the dam on the 18 acre pond. Of drop inlet type construction, the pond will be used to "stop" a number of major ditches

on the Jacob Cozad and Harry Fungston farms in Liberty township, Clarke county. It is being built with the help and under the direction of the Clarke Soil Conservation office. Gordon McLeod of St. Marys is the contractor on the job, which is employing about 50 men day and night.

18-Acre Liberty Twp. Farm Pond Is Under Construction

What may be the largest farm pond in southern Iowa is now under construction on the Jacob Cozad farm in Liberty township.

The huge project requires the moving of 37,000 cubic yards of earth in the dam, with as much or more work in the waterways above the structure. It will place 18 acres under water when full and hold 159 acre feet of water below the drop inlet type spillway.

Harold Anderson, Clarke work unit conservationist, says that the structure will benefit two Clarke farms directly, and probably furnish some flood protection for the down ditch area. Harry Fungston has agreed to establish grassed waterways on the ditches above the dam on his land, with some of the deepest ditches in the county to be rounded out and grassed above the dam on the Cozad farm.

The major water reservoir's primary use will be to stop gullies at their base, but, according to Anderson, its supplemental uses will probably be great enough to warrant the expense even without the major benefit. With pipes, which are being installed during the building, most of the stock water used on the farm will come from the reservoir, while the recreation possibilities of a body of water this size are practically unlimited. Orders are already in for small fish to stock the new reservoir.

and Cozad and neighbors are practically "planning" the bottom now to provide the location of the "fishing holes."

Although the Cozad dam is the largest ever built in this area under the cost sharing plan of the soil conservation office, it is also the most spectacular of literally thousands of projects in the county. As an illustration of the number of farm ponds already built in the county, there are four farm ponds on the small watershed above the dam, all large enough to receive the conservation department cost sharing programs.

Under the cost sharing program, the federal government pays for half of the expense of constructing the pond, and provides the engineering service required free to any co-operator.

Soil Staff To Lose Two Men

11-12-59
McNeal, Aust Leaving County Office For Transfer, Armed Forces Duty

Two members of the Clarke County Soil Conservation District staff are leaving this month on a transfer and for service in the armed forces, according to Harold Anderson, work unit conservationist.

Robert McNeal, conservation aide, has been transferred to the Soil Conservation Service office at Kingston, Mo. He reports for duty there this week after serving on the Clarke county district staff since 1952, with the exception of two years in the army.

Erwin Aust, soil conservationist, will leave the Clarke county staff late this month to enter the armed forces on Dec. 1. He has been in training on the Clarke county district staff during the summers of 1958 and 1959.

Class To Hear Watershed Talk

Adult Farmer Class To Have State Conservation Speaker

Charles R. Ballantyne, extension soil conservationist from Iowa State University at Ames, will be the guest speaker at an especially important meeting of the Adult Farmer Evening Class to be held at 8 o'clock Thursday evening, Nov. 19, in the Osceola high school assembly room.

Watersheds will be the subject to be discussed by the guest speaker and Glenn Fear, vocation agriculture instructor in charge of the evening classes, said that it would undoubtedly be one of the most interesting sessions of the season.

The Clarke County Conservation District Commissioners and Harold Anderson, work unit conservationist for the local district, have joined in urging everyone interested in the watershed program to attend the meeting and join in the discussion, Fear said.

Business-Farmer Group Hears Reapportionment Plea

11-17-59

Reassertion that the Iowa legislature should be reapportioned on the basis of one house fixed by area and the other by population, was made by Harold Anderson, research director of the Iowa Farm Bureau federation at the annual Businessmen-Farmer banquet held at the fairgrounds Thursday evening.

Anderson, who was a last minute substitute speaker, explained the reasons the Farm Bureau, along with a majority of legislators, have held that this is the only fair way in which residents of Iowa should be represented in the general assembly. Loren Hickerson, executive director of the State University of Iowa Alumni Association, was to have been the speaker. When his car slid off the highway enroute to Osceola that afternoon, he informed the committee that icy roads would prevent his being here and Anderson was obtained from the Des Moines headquarters of the Farm Bureau in Des Moines.

Using charts showing the various proposals for legislative reapportionment, Anderson demonstrated the reasons for the impasse that was reached at the last sessions of the General Assembly in which the larger centers of population attempted to dominate reapportionment with one house based on population and the

other with population as a factor.

In pointing out the difficulties such plans would bring, Anderson explained how the national congress is based on one house strictly on area and the other on population. In this way the make-up of the U. S. Senate is fixed, while that of the house of representatives is adjusted as populations fluctuate.

Should both houses of the Iowa legislature be based in whole or part on population, both would have to be adjusted each time reapportionment was indicated.

Although the Farm Bureau came in for a major share of the blame for failure of a reapportionment plan at the last General Assembly by the metropolitan press, it was the unwillingness of the proponents of population over area to accept the will of the majority that no measure could be passed.

About 300 farmers and business men attended the banquet, an annual affair. It was begun several years ago by farmers in the Farm Bureau, who each invited a business man to their dinner. The next year the business men invited farmers and the plan has been continued that way ever since.

A number of business men from Murray and Woodburn were also present with their guests this year.

Eddie Saylor, president of the Chamber of Commerce, was master of ceremonies and introduced the various speakers and entertainment numbers, including a welcome by Luvern Wetterling, Chamber secretary and a response by Adrian Fuller, chairman of the Clarke District Soil commissioners. Entertainment included vocal numbers by the Clarke Community high school trio, Julia Liggitt, Daleth Brim and Louise Page, accompanied by Karen Evans. Peggy Fenn of the Murray High School pleased the audience with a baton twirling demonstration.

Concluding the program was the presentation of the Clarke County Soil Conservation awards for 1959 by Adrian Fuller. They included:

Carl Handrock and son Jim, who placed first among cooperators who have accomplished the most complete conservation program.

Clarence Blanchard and his landlord, Alfred Jones, winners of Division No. II, as the tenant operated farm with the best conservation program established and maintained by the joint effort of both parties.

Harold Bonnett was winner of division III, as having made the most progress toward carrying out needed conservation practices among farmers who have become cooperators since 1957.

All Around The Town

12-3-59
By Lucile Abbott

A few days before Thanksgiving a group of Osceola women were much impressed with a fine program presented to them by Harold Anderson, Work Unit Conservationist with the Soil Conservation Service. Several of those present remarked that they understood for the first time the set up of various governmental agencies working in the field of conservation.

It's easier for most of us to learn through visual aids than by hearing alone and Harold brought with him a fine chart depicting the association and co-operative administration of the agencies operating in Clarke county to assist farmers to develop and maintain good agricultural programs. Important among them are the ASC and the Extension Service of Iowa State University.

Harold Anderson was assigned to the Clarke County Soil Service district in May, 1954. Both he and T. J. Laing, Conservation Aid, are under civil service and receive their assignments and salaries from the federal government. Their work is that of technical supervision. The state also makes an appropriation for the Soil Conservation district. This includes mileage and expenses of three local commissioners, a clerk's salary and part pay for part time technical help. The commissioners receive no pay for their work. They serve terms of six years, which terms are staggered. The present local commissioners are Adrian Fuller, chairman, who has served over four years, Doyce Miller, and Harold Brimm, last to be elected. All land owners and operators may vote in the special election of commissioners. Mrs. Donna Armstrong is clerk in the office of the Soil Conservation Service.

What is included in a conservation program for a typical Southern Iowa farm? The answer is a combination of soil conservation practices: (1) in land use it includes soil treatments, crop rotations, pasture improvement, woodland and wild life improvement, tree and shrub planting; (2) on cropland, contour farming, strip cropping, terracing, grassed waterways, diversion terraces; (3) for drainage, open ditch and tiling, ponds for water supply, gully control and erosion control dams.

Such of these practices as are applicable to an individual farm are tied together into a soil and water conservation farm plan. As of Nov. 1, 411 farm plans are in use in the Clarke County Soil Conservation district, and 278 applicants are awaiting completion of their plans, making a total of 689 district cooperators out of 1260 operating farms. Mr. Anderson emphasized that many farm operators not listed as cooperators employ fine conservation practices. The soils maps for farms show soils types, drainage pattern, % of slope and degree of erosion. County soils maps are available to any one wishing to use them in the Soil Conservation Service office. Since Harold Anderson began his work in Clarke county, 153 of the 411 farm plans now in use have been provided to cooperators under his direction.

Another project offered by the Soil Conservation Service to further preserve our natural agricultural resources is that of a watershed development. At present any such developments are still in the planning stages in this district. In order to secure approval of such a project, which would involve a rather large area, the majority of the farms included must have farm conservation plans, the development must provide flood control as well as erosion control and the benefits must be estimated to exceed the cost. If all these conditions are met and the plan for the watershed is approved as technically sound, the federal government will make available funds for its construction.

The good black soil of Iowa is our state's greatest treasure. This wealth it is our duty to preserve. Sometimes in the confusion of letters and names, we fail to recognize and give credit to our state and federal conservation services and to such able and conscientious administrators of the programs as Steve Evans, Charles Bacon and Harold Anderson.

Furrow Queen Contest At Wednesday Concert

Several attractive Clarke county girls will compete in the local "Queen of the Furrow" contest to be held at 8 o'clock Wednesday evening, July 29, as a feature of the weekly Osceola city band concert in the court house square.

Ward Reynoldson will be master of ceremonies for the contest judging which is expected to attract a large audience from throughout the area. The candidates will meet at 7 o'clock that evening at the Jones cafe.

Seven candidates had been listed this Tuesday noon and there was a possibility that others might be added since entries were open until 5 o'clock this afternoon, according to Harold Anderson, work unit conservationist of the Clarke Soil Conservation District, sponsors of the local contest.

Candidates for the two district queen selections to be named here included the following at noon on Tuesday:

Evelyn Mary Kelso, Osceola.
Peggy Fenn, Murray.
Alice Adams, Weldon.
Glenda Hendrickson, Weldon.
Kathryn Lewis, Woodburn.
Carolyn Sanderson, Osceola.

Judges here will select two of the girls from the Clarke district contest to represent the district at the regional contest to be held on Friday, Aug. 7, at the Marion County Fair in Knoxville.

Region contest winner will receive a 21-jewel wrist watch and the opportunity to compete against eight other regional winners in the statewide finals at the Hanford hotel in Mason City on Sept. 20.

Following is the concert program for the evening:

Beaded Belts Erickson
Happy Days Are Here

Again Conrad
Snow White Fantasy.....Henfurth
Don't Fence Me In Porter
Featuring Miss Susan Hunter
Vocalist

Serenade, "Loves Vision".....Skaggs
Old Comrades Teike
Mister Wonderful Hayman
Slim Trombone Fillmore
Red Rhythm Valley Hill
Onward Christian Sold-

gers Sullivan
God Bless America Berlin

49 Inches Of Moisture Recorded In Past Year

Mild temperatures throughout the past month made it one of the warmest Decembers in Clarke county for many years until the morning of the last day when the mercury dropped to 10 degrees above zero for the coldest reading since Nov. 29.

The frosty temperature reading Thursday morning was accompanied by a bright sun but there was little thawing of the more than three inches of snow which blanketed the county in storms on Monday and Tuesday nights.

Snow and rain of the past week brought the total precipitation for the year to 49.33 inches which was almost 17 inches more than the total of 32.46 inches for 1958, according to the records of Delbert Harsh, official Osceola weather observer.

A resume of the year's precipitation shows that last May was one of the wettest months in recent years when this area recorded 10.41 inches of moisture. That rainfall followed 5.10 inches of precipitation in April which hampered farmers in their crop planting.

There was more than three inches of precipitation in each of the summer months and the rains broke loose for record to-

tals again in August when 8.31 inches fell here. More than six inches of precipitation in September and continued rains in October again delayed farmers as the moisture held up the harvesting.

The amounts of precipitation recorded by Observer Harsh for each month of the past year were:

January	.....	.90
February	.....	.81
March	.....	3.82
April	.....	5.10
May	.....	10.41
June	.....	3.59
July	.....	3.43
August	.....	8.21
September	.....	6.79
October	.....	2.80
November	.....	1.03
December	.....	2.44

Following are the Osceola weather statistics compiled for the past week by Observer Harsh:

Date	High	Low	Prec.
December 23	38	29	
December 24	33	28	
December 25	52	30	
December 26	54	48	.02
December 27	54	48	1.22
December 28	35	28	.32
December 29	33	26	T
December 30	28	21	.03

3 in. of snow on the 28th.
4 in. snow on Dec. 30.

County Beef Cattle Meet On Thursday



Dr. John Herrick



William Zmolek

A county-wide Beef Cattle Pasture meeting for Clarke county is to be held Thursday, March 3 at the 4-H fairgrounds from 10:00 a. m. to 3:00 p. m., according to Steve A. Evans, county extension director.

The program is to start at 10 a. m. with Dr. John Herrick, Extension Veterinarian from Iowa State University at Ames, discussing some of the diseases problems a farmer may have in managing a cow-calf herd and home some of these problems may be avoided.

Dr. Herrick will discuss questions from the audience.

At 11 a. m., William Zmolek, Extension Marketing Specialist, will discuss managing the cow-calf herd, and some discussion will be held on feeding the calf for a short period of time. Zmolek will discuss feeding problems and recommendations.

From 1:00 p. m. until the close of the meeting, Dwayne Rohweder, Extension Agronomist, will discuss a land-use program for farms in Clarke county. He will use a soil map showing the six soil classes and discuss recommendation for a crop program for each land class.

Emphasis will be on pasture seeding rates and mixtures, fertilizers and lime use and how Clarke county land can best be utilized for a cow-calf herd.

A free lunch will be furnished at noon by local feed and seed dealers.

Door prizes will be given away at the close of the meeting and the person winning must be present at the time of the drawing, Evans said.

60 Cattlemen Attended Meet

Clarke County Beef Meeting Heard 3 Experts On Problems

Despite snow-blocked roads, approximately 60 Clarke county farmers attended the county-wide Beef Cattle Pasture meeting at the fairgrounds Thursday under the auspices of the Clarke County Extension office.

Stressing pasture use and improvement in relation to total land use, the day's discussion ran the full range of cattle problems on southern Iowa farms. Included among the speakers were Dr. John Herrick, Extension Veterinarian; Wm. Zmolek, Extension Marketing specialist, and Dwayne Rohweder, Extension Agronomist, all from Iowa State University.

During the morning program only a handful of farmers was present because many roads in the county were still blocked from Wednesday's heavy snow. However, by noon roads were being plowed out and the crowd began to assemble.

Steve Evans, county extension director, said the response from those present was very good and that information received should be helpful in improving beef cattle raising and solving problems of disease, marketing and land use.

The day's program began at 10 o'clock when Dr. Herrick discussed disease problems that may arise in the management of a cow-calf herd and how many of these may be avoided.

He was followed by Zmolek who talked on the economic aspects of managing the herd.

The afternoon program, which followed luncheon at noon furnished by Osceola seed and feed dealers, went into land use program in detail.

A soil map, showing the six soil classes found in the county, was used to detail recommended programs for each type, including crops and soil conservation practices. Particular attention was given to pasture seeding rates and mixtures, fertilizer and lime use and how Clarke county land can be best utilized in the operation of cow-calf herds.

Joins Staff Of Soil District

Gary Johnson of Rockwell City has joined the staff of the Clarke County Soil Conservation district.

A recent graduate of Iowa State University, with a major in Farm Operations, Johnson's position in Clarke county is that of Soil Conservation Training.

Second Part Of Soil Report

Says Interest In Conservation Growing

"It is the growing interest of a large number of our residents in all fields that is responsible for the continued progress we are showing in conservation in Clarke county," Harold Anderson, work unit conservationist of the Clarke Soil Conservation district, said in discussing the annual report of his office.

The number of interested residents and the variety of activities is clearly demonstrated in the report which is being published in installments in the Osceola newspapers. Following is the second installment of the report:

Adrian Fuller and Jesse Burgess attended the first day of the annual Commissioners' Short Course held at Iowa State University in Ames on January 13 and 14.

Harold Anderson attended a four day training conference for

Work Unit Conservationists held in Des Moines from January 20 to 23.

Adrian Fuller, Donna Armstrong and Harold Anderson attended the spring regional meeting for districts held in Chariton on March 20. Local representatives of ASC Extension Service, Vocational Agriculture and the State Conservation Commission also attended this session.

Wildlife trial seedlings of Sericia Lespedeza and Blackwell Switchgrass for wildlife food and cover were made on the Roland Sargent farm in April and on the Machholz-Reynoldson in May. Both of these plantings were established close to existing farm ponds.

At their regular meeting on April 28, the commissioners completed contest score sheets for entry in the Soil Conservation District Awards Program spons-

ored by the Goodyear Tire and Rubber Company. John Webb, operator of the L. L. Hagie farm in Washington township, was named as the outstanding conservation farmer for the period covered in the contest, May 1, 1958 to April 30, 1959.

Soil Stewardship booklets were distributed to clergymen or lay leaders in all churches in the District for their use in Observance of Soil Stewardship Week, May 3 to May 10. As a part of this observance, four Osceola ministers visited the Doyce Miller and Ruth Heinrich farms on May 4 for first hand information on conservation practices. They were Rev. Harold Arink, pastor of the Presbyterian church; Rev. Warren Hile, pastor of the Christian church; Rev. Azel L. Smith, of the Methodist church, and Rev. Robert Leiske, pastor

(continued on page 8)

Excess Moisture Shows Need Of Work

County Soil Report Shows Progress

Excessive moisture focused special attention on the need for soil conservation practices in Clarke county, according to the annual report of activities during 1959 as compiled by Harold Anderson, work unit conservationist of the Clarke Soil Conservation District.

The complete report of the year's activities of the district is being published in installments in the Osceola newspapers. Following is the first installment of the report:

A review of our activities and accomplishments during 1959 indicates that our farmers made a great deal of progress in getting conservation on the land in spite of extremely adverse weather conditions. We also found that our urban people were mindful of soil conservation problems and that they extended their usual fine support to our overall program.

We, the commissioners of the Clarke County Soil Conservation District wish to express our appreciation to all who have helped us:

To our cooperators and other farmers, contractors, Soil Conservation Service, State Soil Conservation Committee, Soil Conserva-

tion Society of America, Iowa Natural Resources Council, both Iowa and National Associations of Soil Conservation Districts, Agricultural Stabilization and Conservation Committee, Extension Service, Farmers Home Administration.

State Conservation Commission, Osceola and Murray Vocational Agriculture Departments and FFA Groups, other school officials and teachers, county and city officials, Clarke County State Bank, Clarke County farmer's Union, Clarke County Farm Bureau, 4-H Clubs, Osceola newspapers, Osceola Chamber of Commerce, Osceola and Murray Service Clubs, Osceola Woman's Club, Osceola Chapter of the D. A. R., Osceola Garden Club, business and professional people, and all of our churches, both urban and rural.

According to the records of Delbert Harsh, official Osceola weather observer, 49 inches of moisture fell in Clarke District in 1959. Normally, annual precipitation varies from 30 to 35 inches. Over 15 inches of rain fell in April and May, and nearly 18 inches in August, September and October.

Under the circumstances, with

the difficulties experienced at planting time and again during the harvesting period, we feel that our farmers were very fortunate to produce the crops they did. At any rate, the heavy rainfall focused attention on the severity of erosion and on the benefits of conservation practices.

At our regular biennial election, held at the 4-H building in Osceola on March 10, Harold Brim, a long time district cooperator in Fremont township, was elected to a six year term as commissioner to succeed Carl Handrock who had served well and faithfully for eight years. On behalf of the district, Adrian Fuller presented Handrock with a gold tie clasp bearing the conservation emblem. Other candidates were Robert Gaumer of Washington township and Voy Wright of Franklin township.

At the election meeting, Chas. Ballantyne, Extension Soil Conservationist from Iowa State University presented a fine program on watershed development and operation, using a new set of conservation slides made

(Continued on page 6)

available by the Soil Conservation districts.

The commissioners held 12 regular and four special meetings. Adrian Fuller had a perfect attendance at these meetings. Carl Handrock attended all of them until his term expired. Doyle Miller and Harold Brim missed only one meeting each. The commissioners named Adrian Fuller to serve as chairman and reappointed Jesse Burgess of Doyle township and Russell Brierly of Jackson township to serve as assistant commissioners.

State Senator Louis J. Fisher and State Representative Stanley Watts attended the regular meeting in January to review the District program and to consider the need for additional appropriation of state funds for use in soil conservation districts.

(Continued next week)

of the Seventh Day Adventist church. Mrs. Florence Bell of Murray, farm owner in Troy township, also visited these farms that day to see the outstanding conservation accomplishments.

Over 200 people attended the special meeting on Tuesday evening, May 12 held at the Osceola 4-H building to honor 7th grade school pupils who studied soil and water conservation during the year and completed workbooks dealing with the course. At this recognition program, a total of 115 students received appropriate ribbons for ratings in four different divisions. Twenty-seven boys and girls received blue ribbons for top rating. Dr. Ray Zinser of Graceland College, Lamoni, was guest speaker. The theme of his talk was "Human Conservation" in which he stressed relationship of people and the land.

Iowa Soil and Water Conservation Week was observed from June 7 through June 14. Highlight of this observance was the window display in the Windland Clothing Store on the east side of the Osceola square. The feature of this display was the model "conservation farm" prepared by Groveland rural school pupils and their teacher, Mrs. Leeland Hunt.

This model farm was also the main attraction in the District display at the Clarke County 4-H fair from August 11 to 14.

The Osceola Sentinel featured conservation pictures and articles during conservation week, and again during the last week of July when a special centennial edition was published to commemorate the newspaper's one-hundred years of activity in this community.

(To be continued)

Annual Report Shows Soil Conservation Work Involves Many Activities

From conserving top soil and building up vital water reservoirs to naming the annual "Queen of the Furrow" is the wide range of interesting activities conducted by the Clarke Soil Conservation District, according to the annual report of Harold Anderson, work unit conservationist for the district.

The annual report covering the actual work and the numerous educational activities of the soil conservation district directors and staff members is being published in the Osceola newspapers by installments. Following is the third installment in the series:

Our annual "Queen of the Furrow" contest was held in the evening of July 29 as a feature of the Osceola City Band Concert Program. Miss Alice Adams, daughter of Mr. and Mrs. Dale Adams of Franklin township and Miss Peggy Fenn, daughter of Mr. and Mrs. Clarence Fenn of Troy township, were selected from a field of seven candidates to represent Clarke district in the Region No. 6 contest at Knoxville on August 7. Miss Fenn won the regional contest and went on to the State Contest held in connection with Iowa Soil Conservation District Commissioners Annual Conference in Mason City on Sept. 20.

Also, in July Carl Handrock, Alfred Jones and Clarence Blanchard, and Harold Bonnett were chosen to represent Clarke District in the three divisions of the Iowa Soil Conservation Achievement Award Program. Jones and Blanchard won the Region 6 title in Division No. 11 for outstanding accomplishment on a tenant operated farm.

On July 31 at a regional meeting in Chariton, commissioner Doyce Miller was named the outstanding commissioner in Reg-

ion No. 6. He went on to represent this region at the Annual Conference in Mason City, Sept. 20 to 22.

We were indeed pleased to be the recipients of regional honors in three different categories in the same year. The districts in Region No. 6 in addition to Clarke, are Madison, Warren, Mahaska, Marion, Lucas, Monroe, Davis, Appanoose, Wayne and Decatur.

Commissioners Fuller and Miller, and Harold Anderson, Work Unit Conservationist, represented the district at the Annual Businessmen-Farmer banquet held at the 4-H building on Thursday evening, November 12. At that time, Carl Handrock, Alfred Jones and Clarence Blanchard, and Harold Bonnett were given recognition for winning in their respective divisions in the Iowa Soil Conservation Achievement Award Program. Jones and Blanchard, as regional winners received pen and pencil sets provided by the Des

(Continued on page 6)

Moines Register and Tribune, one of the sponsors of the program.

Final public event of the year was another watershed meeting held on Thursday evening, Nov. 12, and arranged by Glenn Fear of the Osceola High School Vocational Agriculture Department in connection with the Adult Farmer Evening Class. Charles Ballantyne, Extension Conservationist of Iowa University, as guest speaker, brought timely information on watershed development.

Erwin O. Aust, soil conservationist, in training here during the summer of 1958, was re-assigned to Clarke District in July. He assisted with farm planning and layout work until September 11 when he was sent to the Soil Conservation Service Training Center at Coshocton, Ohio, for a four week training session. After that, he returned to work here until November 30 when he terminated his employment to enter the armed services for two years.

Due to a curtailment of funds, conservation aids Ronald Rowland and Robert McNeal were released early in May. Both men were re-employed later in the fall for brief periods. On November 16, McNeal transferred to Kingston, Missouri, where he received a full time permanent appointment as conservation aid. Rowland left here at the close of the year to take other employment.

(To be continued)

Soil Report Includes Major County Projects

Several outstanding projects and a long list of new co-operators in the soil and water conservation during 1959 are features of the progress shown in the annual report of the Clarke Soil Conservation District as compiled by Harold Anderson, work unit conservationist for the district.

One of the largest drop inlet erosion control dams in this section of the state was constructed in Liberty township during the year and other farmers throughout the district made major advances in their conservation program.

The district's annual report is being published by installments in the Osceola newspapers and the following is the fourth in the series:

The conservation needs study started in 1958 was finished the latter part of 1959. The information, entered on appropriate forms, was submitted to the State Office of the Soil Conservation Service and approved by the State Conservation Needs Committee. The material is Clarke district's part of the nation-wide inventory of Soil and Water Conservation Needs which is being prepared for each county in the United States under the direction of the U. S. Department of Agriculture.

A state report will be released, including summaries for each county after the state summaries have been cleared by the Department. The reports will show present and expected land use by land classes and subclasses, along with estimated acres which need treatment.

Data on accomplishments is shown in the tables at the close

of the report. Time for farm planning was limited. Release of conservation aids McNeal and Rowland made it necessary for T. J. Laing and Harold Anderson to perform the layout work, besides doing the clerical work for two and one-half months while our clerk, Mrs. Armstrong, took a leave of absence. We have found that the services of a competent clerk prove to be invaluable in the efficient operation of our office, relieving technicians of much detailed paper work.

In connection with practices, what is believed to be one of the largest drop inlet erosion control dams in this area was built on the Jacob Cozad farm in Liberty township. Surface area of the water impounded is 18 acres. The adjoining land owners, Harry Funston and Carl Castor, shaped and seeded the waterways which drain to the Cozad structure. This was the first group enterprise (a project involving two or more farmers) to be approved by the commissioners.

Four cooperators in the district practiced mulch tillage. Chisel plows or heavy duty field cultivators were used instead of conventional moldboard plows to prepare the ground for row crops. All were enthusiastic about this method of soil preparation, reporting greater "in soak" of moisture, much less erosion, and less cultivation of the row crop required. These men are Ray I. Dickens, Knox township; Kenneth Johnson, Osceola township; Clarence Young and Marion Millsap, both of Madison township.

New cooperators are listed as follows:

Liberty township: George Halvorsen; Walter Reynoldson, owner; James Crawford, operator; Nelson Ransom.

Fremont township: Clarence L. Culbertson, Wallace Tracy, W. W. Reynoldson and James Machholz, Earl Mateer, Walter Vawn.

Washington township: Phillip Henrichs, Charles E. Dove, Henry Saddoris, Arthur Fouche, Geo. Schmitt, Ralph Johnson.

Madison township: Lowell W. Chipp, Charles & Clyde Kilpatrick, E. G. Friday, Richard D. Rinner, Pearl E. Myers, Bert E. Myers and Pearl E. Myers, A. M. Miller.

Troy township: Ivan J. Hammond, Helen Gauger, H. E. Burnett, James L. Baird No. 2, Kenneth A. Winters.

Doyle township: E. B. Johnson, Donald E. Pearson, W. H. Brown.

Ward township: Arthur P. Pontier, C. E. Neff, J. C. Winter, Concrete Materials.

Osceola township: John Neely, Lester Gray, H. A. Oehlert No. 3.

Jackson township: Harley Woods, Robert B. Oehlert, owner; Gene Page, operator; James L. Bennett, Ralph E. Norman, Howard Evans, Cecile P. Marquis, E. O. Patterson.

Franklin township: Harley

Soil Directors Plan Activities

Clarke Commissioners, Local Implement Dealers Set County Program

Osceola implement dealers and area field men met with the Clarke County Soil Conservation District commissioners last Monday night to discuss soil conservation activities in which they have a mutual interest.

The commissioners meet regularly the last Monday of each month. Various groups and individuals attend these sessions from time to time to familiarize themselves with the soil district program and to exchange ideas for promoting soil and moisture conservation work in the district.

Attending last night were Harold Moran, Clayton Seeman of Creston, Everett Mateer, Donald John, Ray Weir, commissioners Adrian Fuller, Doyce Miller and Harold Brim, Steve Evans, county extension director and secretary of board of commissioners, and T. J. Laing, Gary Johnson and Harold Anderson, of the Soil Conservation Service.

Chairman Adrian Fuller welcomed the equipment men and expressed appreciation for their support and cooperation in furthering the cause of conservation.

Harold Anderson, work unit conservationist, explained district operations and reviewed the results of a conservation needs study made in this district. He also discussed with the group the conservation activities involved in the Iowa Retail Farm

Woods, owner; Stanley Woods, operator; Maynard S. Bartell, Cleo Muselman, Kenneth Reed.

Green Bay township: Nola Orfield, owner; James A. Bennett, operator; L. J. Fertig No. 1, L. J. Fertig No. 2, Lawrence E. Stone.

Knox township: Paul Evert Morris, Charles Propst, L. G. Thompson, Gerald Blain, Flossie Page, J. J. Webb, Arthur Wilkens, Joseph H. Adams, Robert W. Fuller.

(To be continued)

Equipment Association awards program.

The Iowa Retail Farm Equipment Association sponsors an annual conservation awards program to recognize dealers in each Soil District who have done the most outstanding job of supporting the District's soil and water conservation program. Any farm equipment dealer in any soil conservation district in the territory of the Iowa Association is eligible. A plaque is awarded to the first place winner and certificates to the second and third place winners. The awards are presented at the annual meeting of the IRFEA, usually held in February.

In the regular business session held after the meeting with the equipment men closed, the commissioners decided to provide clergymen and lay leaders in the district with copies of a new pamphlet entitled "The Spirit of the People," and voted to pay tuition for any two Clarke county teachers who wish to attend the Iowa Conservation Camp this summer.

The commissioners make the conservation pamphlet available to churches for their use in observing the annual Soil Stewardship Week which is scheduled this year from May 22-29.

The teachers conservation camp is located at Springbrook State Park, seven miles north of Guthrie Center. The camp is sponsored by the State Conservation Department, the State Department of Public Instruction and Iowa State Teachers College. Courses are offered in which the teachers can earn college credits towards renewal of certificates.

Funds Available For Conservation Projects

Funds are available to share the cost of carrying out certain soil and water conservation practices on farms in Clarke county, it was reported this week by Voy Wright, chairman of the county ASC committee.

He said the committee has already received and approved many requests for ACP cost-sharing work to be carried out this spring and that more applications can be handled at this time.

Under the ACP plan, the government shares with the farmer the cost of establishing needed soil and water conservation practices. For most practices, the government pays at least 50 per cent of the total cost.

Chairman Wright pointed out that such practices as establishment or improvement of permanent pastures and construction of sod waterways which require seeding are very desirable springtime projects. He added that constructing livestock ponds and erosion control dams, terrac-

ing, contouring and spreading limestone are other practices which can be done to advantage in the spring.

He stated that all farmers are eligible to request participation in the cost-sharing program. He emphasized that any farmer who expects to earn cost-sharing must file an application at the county ASC office before the proposed practice is started.

The chairman urged all farmers who are interested to call at the county ASC office in Osceola for complete information on practices being offered and requirements to participate.

Offer Teachers ASC Camp Trip

Clarke County Conservation District Opens New Project

Harold Anderson, district soil conservationist, announces that the commissioners of the Clarke County Soil Conservation District have approved tuition expenses for two Clarke county teachers who wish to secure three hours of credit, either graduate or undergraduate, in science at Spring Brook State Park near Guthrie Center this summer.

Any certified teacher in Clarke county is eligible to apply for these scholarships and the first two applicants will be accepted. Application may be made to either Anderson or Dayle M. Allen, county superintendent of schools.

The teachers would be required to pay \$62.64 board, room and laboratory fees for the three weeks course. The courses offered and dates for the start of each session are as follows: Biology 105, "Iowa Conservation Problems A," 1st session, June 5; Biology 104, "Iowa Conservation Problems B," 2nd session, June 26; Biology 105, "Iowa Conservation Problems A," 3rd session, July 17. These courses are acceptable as natural science requirements for certification.

"Teachers will stay in the group camp at Springbrook State Park where adequate facilities are available. You will travel approximately 1,000 miles to various areas pertaining to your studies. Rather than learning from reading and listening, you will learn from seeing, doing and enjoying," Anderson said.

The camp director will be Dr. Verlin Lee of the science department at Iowa State Teachers College. Dr. Lee was a science consultant at the Tri-County Institute in Leon last fall.

The amount of the tuition to be paid by the Soil Conservation District will be \$36 for undergraduate credit or \$42 for graduate credit.

New Farmers Added To County Conservationists

Basic conservation plans were launched on 33 Clarke county farms during 1959 to show a major increase in the progress of the soil and water conservation program, according to the annual report of the Clarke Soil Conservation District.

Harold Anderson, work unit conservationist for the district, has been reporting the county-wide increase in interest of conservation work in a series of articles in the Osceola newspapers. This is the fifth in the series of the report.

Following are the farm owners and operators in various Clarke county townships who started basic conservation plans during the past year.

Liberty Township: N. B. Van Patten, Keith Proudfoot, owner;

John Whitehead, operator; Howard Brewbaker.

Fremont Township: Keith Proudfoot.

Madison Township: Gerald Watson, owner; George Simmerman, operator; E. O. Retherford, owner; David Granfield, operator.

Ward Township: Rolla Glenn. Osceola Township: John Neely, Ben F. Miller, owner; Jack Heilman, operator.

Jackson Township: Eldon Graves, McKeever Land, Marguerite Swan, owner; Floyd E. Mason, operator; Frank W. and Donovan M. Gibson, Gerald Watson, Harold Hubbard, E. O. Patterson.

Green Bay Township: Paul Neal, Nola Orfield, owner; James (Continued on page 6)

A. Bennett, operator; Virgil Feight, L. J. Fertig No. 2.

Knox Township: Walter Reynolds, owner; James Crawford, operator; J. J. Webb.

Doyle Township: Murray Kane, Lowell Moran, Arsenth Johnston, owner; Neal Lohr, operator; E. B. Johnson.

Thousands Of Acres Involved Soil Report Shows Increase In Projects

An interesting picture of the steady progress being made by Clarke county farm owners under the soil and water conservation program is shown in statistics compiled by Harold Anderson, work unit conservationist for the Clarke Soil Conservation District, in his annual report for the past year.

Thousands of acres of land on which conservation practices have been started, many miles of terracing and water diversion projects, other thousands of acres of pasture improvement, more than 1,000 farm ponds and other work is shown as already accomplished within the county.

After issuing the 1959 annual report, Anderson indicated that only favorable weather is needed to start on what appears to be another record season of conservation projects in this district.

The story of Clarke county's progress in conservation is told in the following table of statistics which is the last of six installments of the Clarke Soil Conservation District's annual re-

port published in the Osceola newspapers.

(Continued on page 6)

Continued From Page 1

1959 Soil Report Statistics

FARM PLANNING AND SERVICING—1959

Activity	1959	To Date
District Cooperators, No.	63	691
Basic Conservation Plans, No.	25	416
Farms Serviced, No.	398	
Follow-Up Contacts, No.	81	
Soil Surveys, No. of Farms	38	833
Soil Surveys, No. of Acres	8,040	163,345

PRACTICES APPLIED ON ALL FARMS

Practices	1959	To Date
Contour Farming, Acres	803	34,088
Contour Strip Cropping, Acres		1,563
Standard Terraces, Miles	10.83	120.97
Diversions, Miles	3.27	64.33
Sod Waterways, Acres	80	1,509
Concrete Flumes, No.	0	3
Drop-Inlet Dams, No.	10	55
Farm Ponds, No.	83	1,036
Land Smoothing, Acres	0	175
Tiling, Lineal Feet	0	8,710
Open Drains, Miles	.65	10.90
Farm Drainage, Acres	30	536
Land Clearing, Acres	0	1,232
Pasture Improvement, Acres	1,297	5,240
Fish Pond Improvement, No Stocked fish	96	564
Wildlife Area Improvement, Acres	80	598
Multiflora Rose Fence, Rods	573	10,898
Tree Planting, Acres	15	37

Watershed Is Being Organized

Clarke, Decatur County Units Start Work On Grand Valley

"We made the first big step along the road toward realization of the area-wide benefits of a proposed Grand Valley Watershed that would include both Clarke and Decatur counties."

Such was the reaction of Harold Anderson, work unit conservationist of the Clarke Soil Conservation District, after an important organization meeting of 35 land owners and tenants held Friday evening at the Eugene O'Grady home in Richland township of Decatur county.

In setting up the watershed organization the Clarke county group elected Eugene Foland, chairman; L. E. Adams, vice-chairman, and Edward Selson and Galen Benbow, committeemen.

The Decatur county group elected Eugene O'Grady, chairman; Floyd Grim, vice-chairman, and Leonard Foland, Noel Stark and Wayne Burchett as committeemen.

The common drainage area comprises approximately 5,000 acres, with some 1,900 acres in the southwest corner of Doyle township in Clarke county, and the remainder in Decatur. This area is comprised of several large and innumerable small drainage ways that empty into Grand River in Decatur county.

Harold Harper of Decatur and Harold Anderson of Clarke, soil conservationists of their respective districts, explained the flood prevention law and methods of erosion control on the farmlands in the respective counties.

Hubert Beasley, Decatur Soil Conservation District Commissioner and editor of Iowa Soil and Water magazine, acted as group leader until O'Grady was elected chairman.

Other Soil Conservation District Commissioners present were Georgia Cox, Decatur, and Adrian Fuller, Doyce Miller and Harold Brim of Clarke county.

The respective soil district commissioners stated they hoped this group would "forge ahead on the erosion control phase of soil conservation and make the necessary arrangements for flood prevention on the small watershed act as soon as possible as an example for the many other similar watersheds in the Grand River Valley."

Thompson Is Speech Winner

High School Senior To Go To Regional Contest For Soil Honor

4-24-60

Keith Thompson, a senior in the Clarke Community high school, won the Clarke county district speech contest sponsored by the Ladies' Auxiliary of the Iowa Association of Soil Conservation District Commissioners held Wednesday at the Liberty school.

Gary Kimes, a high school freshman, placed second in the contest which was based on the general theme of the value of the soil and water conservation program to the individual and the community.

Thompson will represent this soil conservation district in the regional speech contest to be held this summer. The date and place of the regional is to be announced later.

Regional winners will go to the state-wide contest to be held in September at Mason City in connection with the annual conference of the Iowa soil conservation commissioners.

District Soil Official Dies

E. E. Smith, Jr., 59, of Chariton, died there Tuesday night after an illness of several weeks.

He had been with the soil conservation service since 1933 and for the last 18 years had been stationed at Chariton as area conservationist for south central Iowa. Soil conservation districts in his area included Clarke, Lucas, Decatur, Wayne, Appanoose, Monroe, Marion and Mahaska counties.

Soil Conservation Week Starts Sunday, May 22

Clarke county's Soil Conservation District is again sponsoring local observance of National Soil Stewardship Week, May 22 to May 29, according to Harold Anderson, work unit conservationist of the area.

For the past several years Clarke Soil District and Clarke county churches as well as other Soil Districts and churches all over the United States have observed this special week.

This year the district commissioners, Adrian Fuller, Doyce Miller and Harold Brim, are making a Soil Stewardship booklet, "The Spirit of The People," available to the pastor or a lay leader of each church in the county.

The booklet is published by the National Association of Soil Conservation Districts to stimulate thought and to remind all people of the responsibility to God for the wise use and protection of His land.

Following is an excerpt from "The Spirit of The People":

Consider This Soil

It lies as far as the eye can see. It covers millions on millions of acres around the globe.

yet it is a rare thing and cannot be replaced.

This soil is a living thing. Yet it can be destroyed.

This soil is a fruitful thing. Yet it can become sterile.

This soil is God's gift to mankind, given unto our stewardship. Yet it can be despoiled and wasted.

This soil produces crops and verdant grass and trees. It cannot be duplicated by chemistry or physics.

This soil is an intricate house of myriad elements. Yet it is so common-place as to be known as dirt.

It fills the flower pot in Manhattan, serves as a garden in Minnesota, and produces an orchard in California—this thing called soil.

It is the spectacle of the Grand Canyon, the flatness of the Plains, and the rolling convolutions of the Shenandoah Valley—this thing called soil.

It is the source of our nourishment; it provides the means of our protection.

God has willed we can live with it; we cannot live without it.

Consider this soil. Consider it well.

Handrock Is Winner In Soil Contest

Carl Handrock, Washington township farmer and former district commissioner, has been named the Clarke County Soil Conservation District entry in an annual nation-wide awards program.

This is the seventh consecutive year that the Clarke district is participating in the national contest. The contest period started on May 1, 1959 and closed on April 30, 1960.

In a special meeting held last week, district commissioners Adrian Fuller and Doyce Miller, county extension director Steve Evans and work unit conservationist Harold Anderson completed a score sheet covering activities and accomplishments of the district in administration, conservation education, farm planning and application of conservation practices.

The commissioners selected Handrock as the district entry for being the outstanding conservation farmer for the contest period. Last summer Handrock was the Clarke district winner in the Iowa Achievement Awards Program for having accomplished the most complete conservation program as determined by his land use program and the conservation practices adopted.

He will receive an award presented by the sponsor in recognition of his accomplishments.

Handrock will also compete with winners from other soil conservation districts in the southern half of Iowa. The state is divided geographically into two competing units in this contest.

The first place soil conservation district in each half of Iowa will be eligible to send one member of its governing body, together with its outstanding farmer on an expense-free vacation trip to Litchfield Park, Ariz. The trip is scheduled in November or December, 1960. A total of 98 men from 48 states and Puerto Rico will receive this trip.

The score sheets for Iowa were submitted to the State Soil Conservation Committee and will be judged by a selected group of men who are leaders in the field of soil and water conservation, Anderson explained.

Churches, Farmers Join Soil Stewardship Week

Churches will join in the observance of Soil Stewardship Week, May 22 to 29, as the Clarke Soil Conservation District joins in the annual nation-wide program under the theme, "The Spirit of the People."

Harold Anderson, work unit conservationist of the Clarke Soil District, said that the Stewardship Week is designed to call the attention of all of the people to the "God-given responsibility we have in conserving and improving the soil placed in our care."

He said the following message to residents of the Clarke Soil District from Donald Anderson, administrator of the U. S. Soil Conservation Service, points up the thought behind Stewardship Week:

"The watershed in which you and I live is feeling the benediction of soil stewardship.

"Our watershed is made of soil and the things that grow in and on the soil. It may be large or small. From it, or the larger watershed of which it is a part, flows the water we use—whether we get it through the city water system, from a well, or from a mountain stream by our summer camp.

"Soil stewardship, or soil and water conservation, influences the soil. It gives soil the mellow, life-containing feel that makes us love to sift a handful through our fingers on a balmy spring day.

"But it also affects our food

supplies, raw materials for industry, incomes of the individual and the community, the beauty of the landscape, number and kinds of wildlife, water supplies and their efficient use, and the frequency and size of floods.

"At least some of the above facts have a deep significance to each of us. They are the reason man does feel a spiritual kinship to the soil and a moral responsibility to take good care of it. They are the reason Soil Stewardship Week, May 22 to 29, sponsored by the National Association of Soil Conservation Districts and cooperating national church organizations, has become a nationally recognized event.

"To fail in our soil and watershed stewardship is to imperil the future by squandering the basic resources on which man must depend for all time. For the Psalmist tells us, 'they shall inherit the earth . . . and their inheritance shall be forever.'

"Man sometimes fails. In Jeremiah 12:10 we are told, 'they have made my pleasant portion a desolate wilderness.' But the Psalmist promised, 'He maketh me to lie down in green pastures . . . He leadeth me beside the still waters.'

Man had a choice then—as he does today. Let us each manage our 'pleasant portion' so we may enjoy the green pastures and the still waters.

"I believe America has made its choice."

Soil Stewardship Week



he that ploweth should plow in hope

Churches and individuals throughout the Clarke Soil Conservation District will join in the national observance of Soil Stewardship Week, May 22 to 29.

Storms Bring Month's Rain To 5.88 Inches

Heavy rains and the season's first hail storm left 2.35 inches of precipitation in an already saturated Clarke county during the past week to halt all field and construction work for several days.

The season's most violent storm brought 1.40 inches of rain with hail and gusty winds in 25 minutes shortly before noon on Tuesday and it raised the total precipitation recorded officially here to 5.88 inches so far this month.

The heavy downpour on Tuesday came only about two hours "too soon" for the Andrew Construction crews doing the dirt work for the rebuilding of the spillway at the West Lake dam. Workmen were that close to pouring another concrete slab when the storm struck and washed side hill dirt into the forms.

They said the work would be held up until sufficient drying weather allowed them to get the mud out of the slab location.

Field work in the Osceola area was given a serious setback by the week's rains.

The hail reportedly damaged flowers and beat down some garden plants but the only major property damage reported was the breaking and cracking

of approximately 100 panes at the Osceola Greenhouse.

Contractors on the jobs of widening Highway 34 at the west edge of Osceola and on the finishing of the surfacing of Interstate 35 said their work had been seriously delayed by the weather. Dirt work on the widening project was nearing completion on the first stage when Tuesday's storm caused a delay of several days for the Boswell Construction Company crews.

Following are the week's weather records as compiled by Delbert Harsh, official Osceola observer:

Date	high	Low	Prec.
May 19	81	61	.01
May 20	76	58	.20
May 21	68	49	.21
May 22	77	51	
May 23	80	55	
May 24	80	59	1.40
May 25	75	58	.33
May 26			.20

Soil Week Is Planned In Area

Clarke Conservation District
To Take Active Part In Plan

Local plans are underway for the observance of Soil and Water Conservation Week which will be held throughout Iowa from June 19 through June 26, according to Harold Anderson, work unit conservationist of the Clarke Soil Conservation district.

Anderson said that full observance of the annual week emphasizing the importance of soil and water conservation will be held in the Clarke county district. He said plans are underway to stress the benefits gained and projects being planned by local farmers through the conservation program.

It will mark the state's twenty-third observance of conservation week. Prior to 1955, the word "water" was not included in the week's title.

The development of a complete conservation farm plan on each acre of every Iowa farm continues to be one of the leading objectives of Iowa's soil and water conservation program, says Frank H. Mendell, state conservationist of the Soil Conservation Service. The payoff in terms of conservation of soil and water comes through application of these plans—making needed land use adjustments and treating each acre according to its needs, Mendell adds.

Over the past 25 years over 53,000 of Iowa's 75,000 soil conservation district cooperators have formulated complete conservation farm plans. Over 12,000 of these cooperators have applied conservation practices and soil management needed to control erosion and conserve moisture. All 75,000 cooperators are in the process of carrying out some needed conservation work.

Mendell says, "The farmers of Iowa are to be congratulated for the care they are taking of their lands." SCS employees, state technicians and aids provide soil surveys and assist district cooperators in formulating and applying basic conservation plans, he points out. Since July 1959, SCS and state technicians and aids assisted over 9,000 new district cooperators. Of these 7,000 developed basic conservation plans. These same technicians provided follow-up assistance to over 9,800 cooperators (Continued on page 3)

with basic conservation plans. All assistance provided by the Soil Conservation Service is channeled through soil conservation districts to farmer-district cooperators.

In developing of the conservation plan, SCS recognizes that land varies from field to field and that it can be classified into eight major classes as to its capability for use, Mendell says. SCS developed the concept that each farm must be considered as a whole, and not planned or treated piecemeal.

The objective of technicians in assisting a farmer to develop a basic plan is the long-time best use of each acre, supplemented by the right combination of soil water and management practices. In the majority of cases alternative treatments and practices are available to fit the type of farming operation desired by the farmer.

The basic conservation plan as developed by the farmer and the Soil Conservationist is the result of decisions by the farmer as to how he will use and treat his land. These recorded decisions state the use of the land and the soil conservation practice to be installed, including approximate time of installation and what portion of the farm, Mendell says.

Iowa Watershed Plans Follow Early Program

The watershed program in Iowa is often referred to as a new program. This is not exactly true because when the conservation projects were first thought of in the late 1920's and early 30's, they were on a watershed basis. The first soil conservation district in Iowa was started on a watershed basis, but for administrative purposes, the boundaries were later changed to coincide with those of the counties.

The Little Sioux watershed has been in operation in northwest Iowa since 1946. It covers an area of about 1,713,823 acres dealing primarily with eight soil conservation districts. It has been estimated that over 40 per cent of the eligible units are cooperating with this program.

In 1953, the federal Congress enacted a pilot watershed program authorizing 62 projects in the United States for study purposes. Four of these pilot projects were established in Iowa. The work on these four watersheds, for all practical purposes, has been completed.

The pilot watersheds were forerunners to the program now in existence. In 1954, Congress passed the small-watershed bill making it possible for farm owners and operators living in any given area in the United States to apply for federal assistance with their soil and water conservation problems. This bill is known as the Watershed Protection and Flood Prevention Act, Public Law 566.

The state soil conservation committee was appointed by the governor as the state agency to review Public Law 566 watershed applications for approval or disapproval. Forty-seven applications covering 857,068 acres have been submitted to the state soil conservation committee and 37 applications have been approved by the state committee covering 718,860 acres. Construction of two watersheds has been completed. The combined area is 5,423 acres involving 50 farms. One watershed is under construction totaling 9,048 acres and 69 farms. Contracts have been let for construction on two watersheds totaling 35,283 acres and 219 farms. Work plans have been completed on two more watersheds totaling 105,594 acres. Work plans are being developed

on nine watersheds with a combined area of 272,857 acres. The Iowa 58th General Assembly appropriated \$50,000 for each year of the biennium to be expended in participation and conjunction with the federal government, or any of its agencies, in joint operations of watershed planning and development within the state. This appropriation has "stepped up" watershed planning.

A recent amendment to the Public Law 566 act includes a provision that any structures being used for flood control entirely will be paid by the federal government. However, other works of improvement will be paid by the local people.

Before receiving federal assistance in installation of improvement works, local organizations provide assurance that financial obligations involved in the installation can be met, furnish documentary evidence that arrangements have been made to assure the adequate operation and maintenance of such works, provide evidence that land owners or water users have acquired such water rights as are needed in the installation and operation of works of improvement, and provide documentary evidence of acquisition of land, easements and rights-of-way necessary for the installation of proposed works.

Watershed projects are initiated by the people living within the area and not by federal, state, or county agencies. However, the watershed program offers an opportunity for local land owners and operators, as well as counties, cities, and towns, state and federal governments, to cooperate and work together in planning and carrying out complete conservation programs on any natural drainage area.

Erosion Control Soil, Water Law 25 Years Old

April 27, 1960, was the 25th anniversary of our national soil and water conservation program under specific legislative authority.

On that date in 1935 Franklin D. Roosevelt signed Public Law No. 46, enacted by the 74th Congress without a dissenting vote.

The Act declared soil and water conservation on farm, grazing, and forest lands of the nation to be a permanent policy of the Congress, and it established the Soil Conservation Service in the Department of Agriculture.

Forty present members of the Senate and the House of Representatives were members of the 74th Congress when Public Law No. 46 was enacted.

Iowa Soil Inventory Aids In Conservation

The first phase of Iowa inventory of soil and water conservation needs has been completed, according to Frank H. Mendell, state conservationist, for the Soil Conservation Service.

The Iowa inventory is part of the National inventory developed to assist the United States Department of Agriculture and related agencies, federal and state, in carrying out responsibilities in planning and moving forward programs designed to provide adequate conservation of the nation's soil and water resources.

The state conservation needs committee was composed of representatives of Iowa's federal and state agricultural agencies, with Mendell as chairman, and Frank Schaller, extension agronomist, Iowa State University, as secretary.

In reporting completion of the first phase of this inventory, Mendell praised the work of agencies and organizations cooperating at state and county levels who were responsible for making the inventory possible.

Iowa was one of the first states in the nation to complete its inventory. Iowa had a comprehensive inventory under way before the National inventory started. The procedures used in the Iowa inventory were adapted for use nationally. The procedures were jointly formulated by Iowa federal and state agencies and Iowa State University.

The basic data, estimates of land use, and conservation treatments needed by problem areas, as developed in each county, have been transmitted to Washington, D. C., for processing into a state-wide report. Iowa data is being correlated with data from surrounding states. Upon completion of this job, the data will be machine processed. The national committee has informed the Iowa Needs Committee that the summarized data should be available before Dec. 31, 1960. It will be possible to summarize data by groups of counties, major watersheds and resource areas. Information that will be available includes:

The present acreage in major land uses and the acres of each land use by various kinds of soils; the changes in land use that may be expected by 1975; the acreages of land by various kinds of problems and need for treatment, based on the expected land uses in 1975, to provide the desired level of conservation;

the nature and scope of watershed problems which, if met, would require watershed projects of a type and size that qualify for assistance under Public Law 566 as amended; soil and water conservation practice needs.

Plans are under way for the publication of state and county data after it has been correlated and checked.

State and county committees have one copy of the preliminary data available now for use by state and federal agencies at the Soil Conservation office in each county. The state tabulations are available at the state office of the Soil Conservation Service, 405 Iowa Building, Des Moines, Iowa.

The State Conservation Needs Committee expects the inventory data will be used to:

Assist and guide soil conservation district commissioners and county extension councils in the conservation program planning, assist districts and other local groups to develop long and short-term objectives in soil and water conservation, assist ASC committees and district commissioners in determining conservation practice needs and priorities, assist in state-wide planning programs for solving Iowa's conservation problems and guide needed agriculture and land use adjustment programs, provide up-to-date information to county groups and organizations on land use, soil and water problems and therefore provide leads on how best they can assist in conservation activities, to give rural and urban folks correct information on conservation needs and the progress being made to solve rural and urban conservation problems, assist in determining research needs in conservation and as an aid in determining future agricultural production potentials.

The working committee for the inventory was Harlon H. Backhaus, assistant state conservationist, Soil Conservation Service; Schaller; Mans Ellerhoff, state forester, State Conservation Commission; Virgil Hurlburt, agricultural economist, Agricultural Research Service, and Loren Cramer, soil conservationist, Soil Conservation Service.

'Conservation Queen' To Be Named July 4th

Clarke county farm girls will compete for the 1960 "Queen of Conservation" title in Iowa through a district contest to be held as a special feature of Osceola's Fourth of July celebration.

All eligible girls in Clarke county are invited to enter the contest here and they are urged to make their applications as early as possible, according to Harold Anderson, work unit conservationist of the Clarke County Soil Conservation District.

The contest to select two girls to represent Clarke county in the regional contest will be a highlight of the July 4th celebration program to be held in the court house park. It will be a special event of the holiday's evening program, according to Fire Chief Otis Keller, chairman of the celebration committee.

Official entry blanks can be obtained at the soil conservation district office in the Osceola post-office building or from the county extension office in the Clarke county court house.

Handling arrangements for entries in the local district contest are Mrs. Donna Armstrong of the soil conservation office staff and Miss Martha Ford of the extension service office.

For two consecutive years the Clarke county candidates have won the regional contests to make an outstanding record for this area.

This year the two winners of the district contest in Osceola will each receive a pearl necklace and will compete in the area's regional contest to be held

at the Albia Fall Festival in Albia on August 1.

The "Queen of Conservation" Contest replaces the former "Queen of the Furrow" Contest and is being co-sponsored by the Soil Conservation Districts of Iowa and the Farmers Grain Dealers Association of Iowa (Co-operative) of Des Moines, Iowa.

A glamorous wardrobe and beautiful wrist watch await the lucky winner. Besides her prizes, the new queen will be hostess for the Iowa Soil Conservation District Field Day and Plowing Matches which will be held near Guthrie Center, Iowa on Sept. 16. She will also be the official hostess for the Annual Conference of Soil Conservation District Commissioners taking place in the Blackhawk Hotel, Davenport, on September 18, 19, 20.

The contest is open to all single girls between the ages of 16 and 21, who reside on farms in Iowa. The queen will be chosen for her poise, personality, intelligence, and personal attractiveness.

"Point 2. When you figure out a budget for a \$200-a-month couple living in one of these good trailer parks you can eliminate the allowance for entertainment. Such parks have a clubhouse with free movies, pot-luck suppers, Sunday church services, dances, dance lessons and card parties."

In their book the Findleys have a chapter on the cost of trailer living. They have some interesting things to say.

"It has been our experience that trailer people from choice have little interest in the gay life.

"We find that two people can eat well, going out to lunch or dinner several times a week, on a monthly food budget of \$80.

"We can live as well on \$200-250 a month as we formerly did on \$600 for household and general living expenses."

The Findleys are among the most dedicated of trailer people. But they represent a veritable army of people in this country who have found trailers a good way of life. Letters that come to me and interviews with retired people in various parts of the country indicate that the idea is not to go bounding off down the highway into the blue yonder. It is to park a trailer in a professional trailer park and mail the inhibitions back home.

For a copy of the new Golden Years booklet by Thomas Collins, send 35 cents in coin (no stamps) to Dept. NWNS, Box 1672, Grand Central Station, New York 17, N. Y.

the farmer's permission to fish his pond are that kind. They are careful not to leave bait and beer cans behind; or start fires on cool evenings and forget to put them out; or toss the small fish away instead of taking them to a garbage pail at home.

The farmer really wants his pond fished if he is interested at all in the recreational value of the place. He knows that an over population of fish can not produce the large ones that are really fun to catch. There just isn't enough food to go round in such conditions. (The State Conservation Department suggests that ponds like that be thoroughly fished with none put back, no matter how small.) Nor can the farmer tell by looking at a man (or family) whether they're going to be guest or pests. But he'll remember the pests and they will not fish there again, or in any the neighborhood ponds, the cers said.

It's fun to fish the farm Bass, up to several pounds weight, have been reported season. Nice crappies and gills, as well as the old

Surveys Being Made Yearly On Million Acres of Iowa Soil

Over one million acres of soils are surveyed in Iowa annually.

As of July 1, 1959, soil surveys were completed on 18 million acres. Of these 27 percent were standard surveys and 73 percent were soil conservation surveys, say Frank H. Mendell, state conservationist, Soil Conservation Service. The program is so planned that two to three counties will be completed each year.

A progressive standard soil survey will be conducted in each section of the state. When a progressive survey is scheduled in a county, the entire acreage will be mapped and a report, including a soil map will be published. It generally takes 4 to 5 years to complete the field work, Mendell says.

Some soil surveys are made in all counties each year. The soil maps are used extensively by the Soil Conservation Service technicians and county extension directors in assisting farmers in planning and establishing soil and water conservation programs on their farms.

A cooperative soil survey was initiated in Keokuk County in April this year. Keokuk is the last county in Iowa in which a soil survey had not been previously made or started. According to Byron Boatman, state soil scientist with the United States Soil Conservation Service, no published soil survey of any type had been made in Adams, Cass, Humboldt, Iowa, Keokuk and Shelby Counties previous to 1954. The survey in Iowa County will be completed this year (1960). Nine or 10 townships will be mapped in Cass County and about three townships in Keokuk County.

The soils in this new type of soil survey are mapped on aerial photographs. The published map will be made on a picture mosaic and at a scale of four inches equals one mile. Considerable more detail and more accurate soil information can be mapped on photos than on the old line maps, Mendell says. Modern soil surveys are also in progress in Bremer, Clay, Crawford, Madison, Woodbury and Winneshiek Counties. As time and funds are available, a modern up-to-date soil survey will be made in all counties in the state, Mendell said.

The soil survey and maps for Monona County were published in 1959. Reports and maps for Jefferson, Shelby and Humboldt Counties should be available late this year or in early 1961. The final field work in Polk and Van Buren Counties has been completed and the report is in the hands of the publisher.

Copies of the soil survey report, when published, can be obtained from the Soil Conservation District office or the County Extension Director's office.

The Soil Conservation, in cooperation with the Iowa Agricultural Experiment Station, plans to keep survey crews mapping in at least 11 counties each year. When a survey crew completes

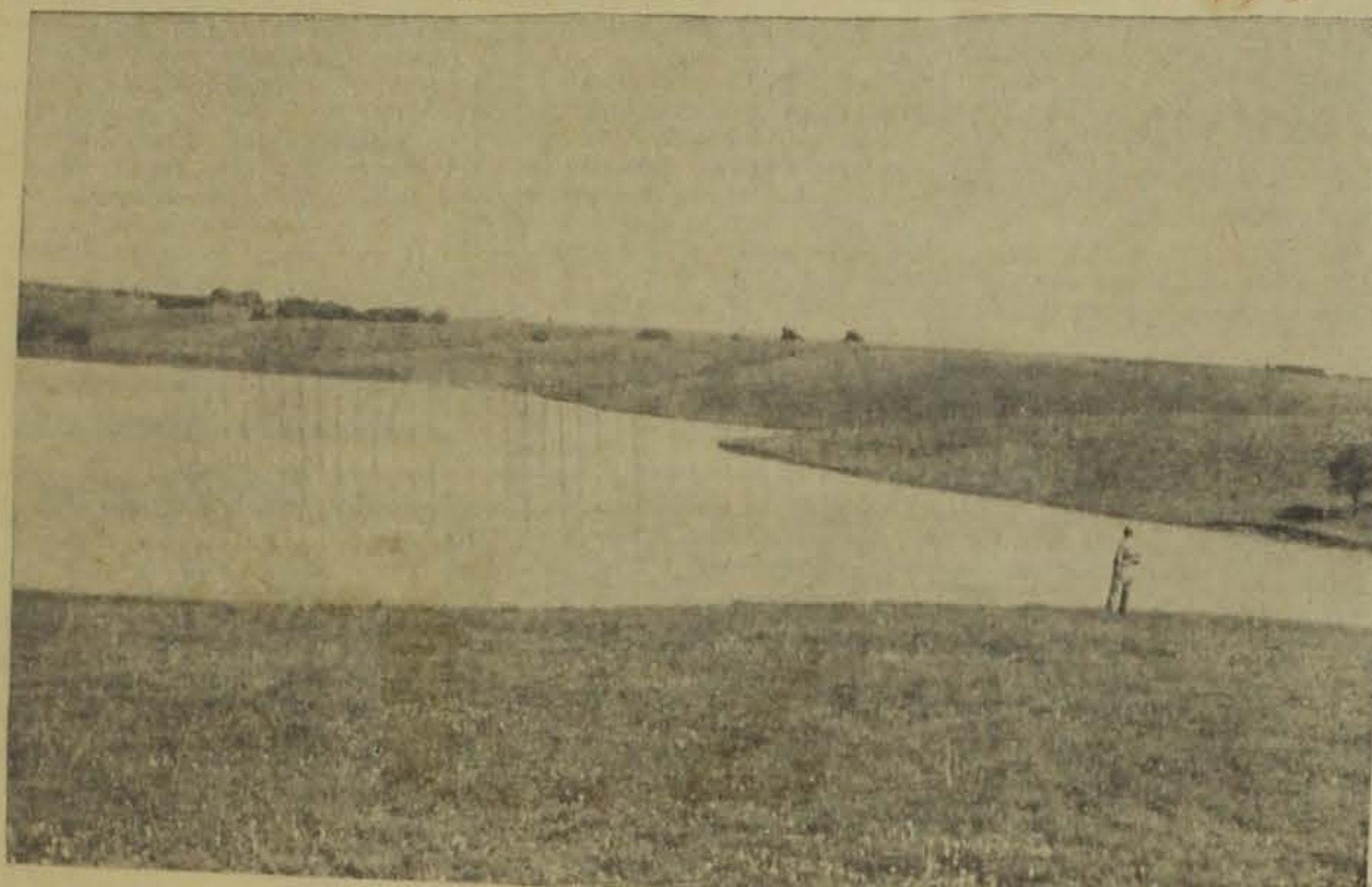
a county, it moves into another scheduled county. It takes a three-man crew about 4 to 6 years, part time, to complete a survey in a county, depending mainly on the size of the county. These men also map in other counties to meet soil conservation district needs for soil maps.

Soil survey information and maps are also used by engineers and contractors in building and locating roads, earth dams, rural and urban development, real estate, and loan agencies, Mendell says. Assessors also find them useful in evaluating land and estimating its ability to produce crops.

Soil Queen Contest, 'Soaring 60's' Parade To Feature July 4th Events

Firemen To

Largest Drop Inlet Pond



Clarke county has one of the largest drop inlet erosion control dams in Southern Iowa on the Jacob Cozad farm in Liberty township to point to an outstanding project as Iowa observes Soil and Water Conservation Week. The 193-acre farm is operated by Kenneth Fetters.

The picture shows the 18-acre impoundage of

water in front of the dam. The drainage area is 671 acres and it controls overfalls in seven lateral gullies branching from a main gully. Waterways draining from pastures on the Harry Funston and Carl Castor farms were shaped and seeded during the project that started about a year ago.

Local Progress Seen In Conservation Week

Clarke county can show an outstanding record of progress as Iowa marks the annual observance of Soil and Water Conservation week from June 19 to June 25, according to a report of projects from Harold Anderson, work unit conservationist for the Clarke Soil Conservation District.

Although adverse weather has delayed actual work on a number of projects this spring, the staff of the local soil conservation office has made good progress on a total of 229 requests from farmers in the district for cost-sharing assistance on permanent type conservation practices.

The Clarke district staff has also worked out 18 complete conservation plans for as many farms in the county this year.

The cost-sharing project requests to the ASC office have in turn have been turned over to the Clarke Soil Conservation personnel for lay-out of the practices, supervision of installation and final inspection when the jobs are completed. Most of the projects involve heavy equipment such as bulldozers, scoops, graders and rollers provided by local earth moving contractors.

The requests by local farmers so far this year include the following break down of the projects: 29 ponds, 29 standard ter-

aces, 86 waterway constructions, 35 diversion terraces, 30 open drainage ditches, 5 for shaping and grading flat uplands and bottomlands, 9 erosion control dams, and 6 for tree planting.

Most of the projects have been laid out by the Soil Service personnel and a number have been started but are awaiting favorable construction weather, Anderson reported.

During the first five months of this year the local soil district records show completion of 8 ponds, 2.41 miles of standard terraces, and 7.2 acres of waterways. Several miles of open drainage ditches have been laid out but none have been completed because of working conditions.

In addition, so far this year, the local SCS staff has laid out 60 acres of contour strip cropping. Figures are not available at present for the total acreage of contour farming in the district this year since it is a recurring practice and many farmers lay out their own contour lines, Anderson explained.

Four farmers have planted a total of 10½ acres of pine trees. Six farmers have planted 480 rods of multiflora rose, chiefly pond areas to serve as living fences and to provide food and cover for wildlife.

4 Queen Candidates In July Fourth Contest

Four Clarke county girls have entered the "Queen of Conservation" contest which will be a feature of Osceola's Fourth of July celebration.

Arleen Gross, daughter of Mr. and Mrs. Sydney Gross of Osceola, was the latest entry in the contest this Thursday morning, according to the Clarke Soil Conservation District officials, sponsors of the contest.

Other queen candidates previously announced this week were: Nancy Schultz of Weldon, daughter of Mr. and Mrs. George Schultz; Rose Edgington of Osceola, daughter of Mr. and Mrs. Don Edgington, and Reba Hendrickson of Weldon, daughter of Mr. and Mrs. Doyle Hendrickson.

Entries for the contest will be received until 5 o'clock on Friday afternoon, July 1, at the office of the Soil Conservation Service in

the Osceola post office building basement and at the Extension Service office in the court house.

Members of the Osceola Volunteer Fire Department, sponsors of the July 4th celebration, are reporting progress on the arranging of details for an outstanding parade which will follow the theme of the "Soaring 60's".

Don Shepherd and Harry Tompkins, co-chairmen of the parade committee, said that entries were being received for the record amount of cash prizes to be awarded by the fire department for both adult and children's parade entries.

They emphasized, however, that they hoped to receive "many more entries from business, civic and church groups and from the youngsters with their floats, ponies, decorated bikes and clowns."

Fire Chief Otis Keller said that professional free stage acts were being worked into the program which will crowd every hour of the day with entertainment for all ages during the celebration around the court house square.

Other committees of the fire department working on various parts of the celebration planning include:

Dance: Norman Squier, Brad Benson, Don Griffin, Clarence Culbertson and Jim Lescher.

Entertainment: Otis Keller, George Squier and Harry Tompkins.

Public Address System: George Squier, Don Campbell and Harry Tompkins.

Wiring: Al Ogbourne, Mickey McGuire and Chick Marvin.

With the largest amount of cash prizes ever offered, the parade entries are expected to reach a new high in both attractiveness and number, according to Don Shepherd and Harry Tompkins, co-chairmen of the parade entries. Float prizes are: \$100, \$80, \$60, \$40, and \$25 for the float coming from greatest distance.

While business, civic and church organizations are planning a number of major floats along the lines of the space-age theme, the firemen were also urging boys and girls to enter a record number of their own floats, ponies, decorated bikes and clowns for cash prizes.

Besides the colorful parade, the celebration plans show an outstanding array of entertainment of a wide variety for all ages, according to plans announced by Fire Chief Otis Keller.

The selection of the Clarke county winners in the "Queen of Conservation" contest will be an attractive show. The two Clarke county farm girls selected by judges during the contest will represent the Clarke Soil Conservation District in the regional contest for the right to enter the state-wide finals. Clarke county's entry has gone to the state finals for the past two years.

Chief Keller said that the day and evening programs will be rowded with other entertainment features including professional stage acts in the court house park, a show by the Osceola Junior Square Dancers, and the Byers Bros. Carnival with new rides, shows and concessions around three sides of the square.

Soil Queen Contest, 'Soaring 60's' Parade To Feature July 4th Events

6/21/60



Clarke county has let erosion control on Jacob Cozad farm in to an outstanding pr and Water Conserva farm is operated by The picture shows

They call her Cynthia Sue. Congratulations.

There is no Bible study being held at the Church of Christ on Wednesday evening during the month of June. Owing it being camp month.

Farm Bureau is meeting with June Walter today.

Urge Farmers To . . . Fish That Pond! . . . To Keep Balance

From a recreational standpoint, lack of enough fishing is the main farm pond problem in Iowa, says Robert Moorman, extension wildlife specialist at Iowa State University. Over 100 pounds of fish per acre may be taken each year from well-balanced farm fish ponds in Iowa.

For maximum results, Moorman says, you have to harvest your fish crop as you would harvest your other farm crops — with planning. Moorman says a well-balanced fish pond contains about 5 pounds of bluegills for every pound of bass. To keep the faster-multiplying bluegills from overpopulating your pond, you have to catch 5 pounds of bluegills for every pound of bass you catch.

If you don't keep your pond properly balanced, says Moorman, it becomes filled with huge numbers of stunted bluegills. If

Still Popular In Modern Home

The carpet sweeper still holds its own in today's home as a favorite for a quick pickup of surface dust and crumbs. This year's models feature moving combs that constantly clean the brush, reports Naomi Shank, extension housing and equipment specialist at Iowa State University. Some models have a special roller-and-brush design that makes the sweeper effective on bare floors as well as carpeting. Brushes on some models adjust automatically to thick or thin carpet nap, while on others a dial setting adjusts brushes to different nap thickness.

Most of the new models have handles that fold almost to the floor, making it easy to sweep under low furniture. Some have handles that stand upright when the sweeper is not in use and also fold flat for easy storage. Half-size and miniature sweepers that really sweep are a special feature, Miss Shank adds. They are a favorite with children and for use in cleaning places too small to use and store. The sweeper also controls overfalls in seeps branching from a main gully draining from pastures on the H and Carl Castor farms were shown during the project that started ago.

float of air. Scier Weath have i inform They t in rain salt c lects v salt t days.

Ocer ed ho White tiny d lets r inches there water crysta sweep away.

Firemen To Give Record Cash Prizes

"Soaring 60's" will be the theme of the Osceola Fourth of July celebration parade which is expected to set a new record for entries as one of the many highlights of the holiday program planned by the Osceola Volunteer Fire Department.

Another outstanding feature of the celebration program will be the selection of the two local winners in the "Queen of Conservation" contest. Following are the first three entries in the queen contest up to noon today:

Nancy Schultz of Weldon, the daughter of Mr. and Mrs. George Schultz.

Rose Edgington of Osceola, daughter of Mr. and Mrs. Don Edgington.

Reba Hendrickson of Weldon, daughter of Mr. and Mrs. Doyle Hendrickson.

Several more entries for the queen contest are expected to be received, according to Harold Anderson, of the Clarke Soil Conservation District office. Applications for entries may be made at the soil conservation office in the basement of the Osceola post-office or at the Extension Service office in the court house.

With the largest amount of cash prizes ever offered, the parade entries are expected to reach a new high in both attractiveness and number, according to Don Shepherd and Harry Tompkins, co-chairmen of the parade entries. Float prizes are: \$100, \$80, \$60, \$40, and \$25 for the float coming from greatest distance.

While business, civic and church organizations are planning a number of major floats along the lines of the space-age theme, the firemen were also urging boys and girls to enter a record number of their own floats, ponies, decorated bikes and clowns for cash prizes.

Besides the colorful parade, the celebration plans show an outstanding array of entertainment of a wide variety for all ages, according to plans announced by Fire Chief Otis Keller.

The selection of the Clarke county winners in the "Queen of Conservation" contest will be an attractive show. The two Clarke county farm girls selected by judges during the contest will represent the Clarke Soil Conservation District in the regional contest for the right to enter the state-wide finals. Clarke county's entry has gone to the state finals for the past two years.

Chief Keller said that the day and evening programs will be rowded with other entertainment features including professional stage acts in the court house park, a show by the Do-Sceola Junior Square Dancers, and the Byers Bros. Carnival with new rides, shows and concessions around three sides of the square.

Local Pr In Co

GOLI week

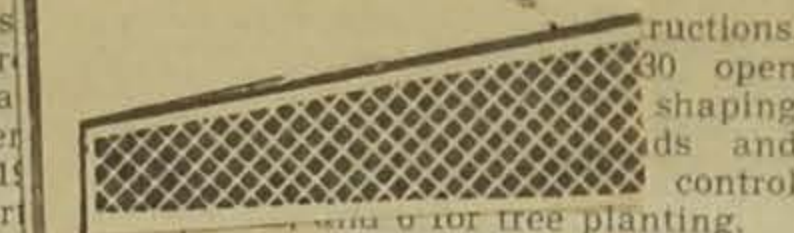
Clarke county can s outstanding record of pr Iowa marks the annual vance of Soil and Water vation week from June 15 25, according to a report

jects from Harold Anderson, work unit conservationist for the Clarke Soil Conservation District. Although adverse weather has delayed actual work on a number of projects this spring, the staff of the local soil conservation office has made good progress on a total of 229 requests from farmers in the district for cost-sharing assistance on permanent type conservation practices.

The Clarke district staff has also worked out 18 complete conservation plans for as many farms in the county this year.

The cost-sharing project requests to the ASC office have in turn have been turned over to the Clarke Soil Conservation personnel for lay-out of the practices, supervision of installation and final inspection when the jobs are completed. Most of the projects involve heavy equipment such as bulldozers, scoops, graders and rollers provided by local earth moving contractors.

The requests by local farmers so far this year include the following break down of the projects: 29 ponds, 29 standard ter-



Most of the projects have been laid out by the Soil Service personnel and a number have been started but are awaiting favorable construction weather, Anderson reported.

During the first five months of this year the local soil district records show completion of 8 ponds, 2.41 miles of standard terraces, and 7.2 acres of waterways. Several miles of open drainage ditches have been laid out but none have been completed because of working conditions.

In addition, so far this year, the local SCS staff has laid out 60 acres of contour strip cropping. Figures are not available at present for the total acreage of contour farming in the district this year since it is a recurring practice and many farmers lay out their own contour lines, Anderson explained.

Four farmers have planted a total of 10½ acres of pine trees. Six farmers have planted 480 rods of multiflora rose, chiefly pond areas to serve as living fences and to provide food and cover for wildlife.

2 Sisters, 5 Others In Contest For Soil Queen

Two sisters will be in competition to add extra interest to the "Queen of Conservation" contest to be held by the Clarke Soil Conservation District as a feature of the Osceola Fourth of July celebration.

The sisters, Janet and Linda Gonseth, are among the seven candidates for the honor of representing Clarke county in the regional contest. Judges at the July 4th contest here will select two candidates to represent the county.

Additional candidates are expected to enter the contest before the application deadline of 5 o'clock on Friday afternoon, July 1, according to Harold Anderson, work unit conservationist of the Clarke conservation district.

The three new candidates not previously announced are:

Mildred Osgood, daughter of Mr. and Mrs. G. R. Osgood of Woodburn.

Janet and Linda Gonseth, daughters of Mr. and Mrs. Morris Gonseth of Osceola.

Other candidates previously announced were: Nancy Schultz, daughter of Mr. and Mrs. George Schultz of Weldon; Rose Edgington, daughter of Mr. and Mrs. Don Edgington of Osceola; Reba Hendrickson, daughter of Mr. and Mrs. Doyle Hendrickson of Weldon; and Arleen Gross, daughter of Mr. and Mrs. Sydney Gross of Osceola.

Applications for entry in the contest are available at the Soil Conservation office in the court house.

The Clarke county contest will be a colorful feature of the Osceola July 4th celebration program when it is staged at 8 o'clock that evening on the band stand in the court house park.

Ward Reynoldson will be master of ceremonies for the contest during which each candidate will be introduced to the celebration audience.

Judges will name two Clarke county winners who will represent the Clarke Soil Conservation District in the regional contest for the right to go to the state finals.

Clarke county has an outstanding record of having had one of its candidates go to the state-wide finals for the past two years.

Burgus To Head New Watershed

Long Creek Association Is Formed; Farmers To Be Contacted

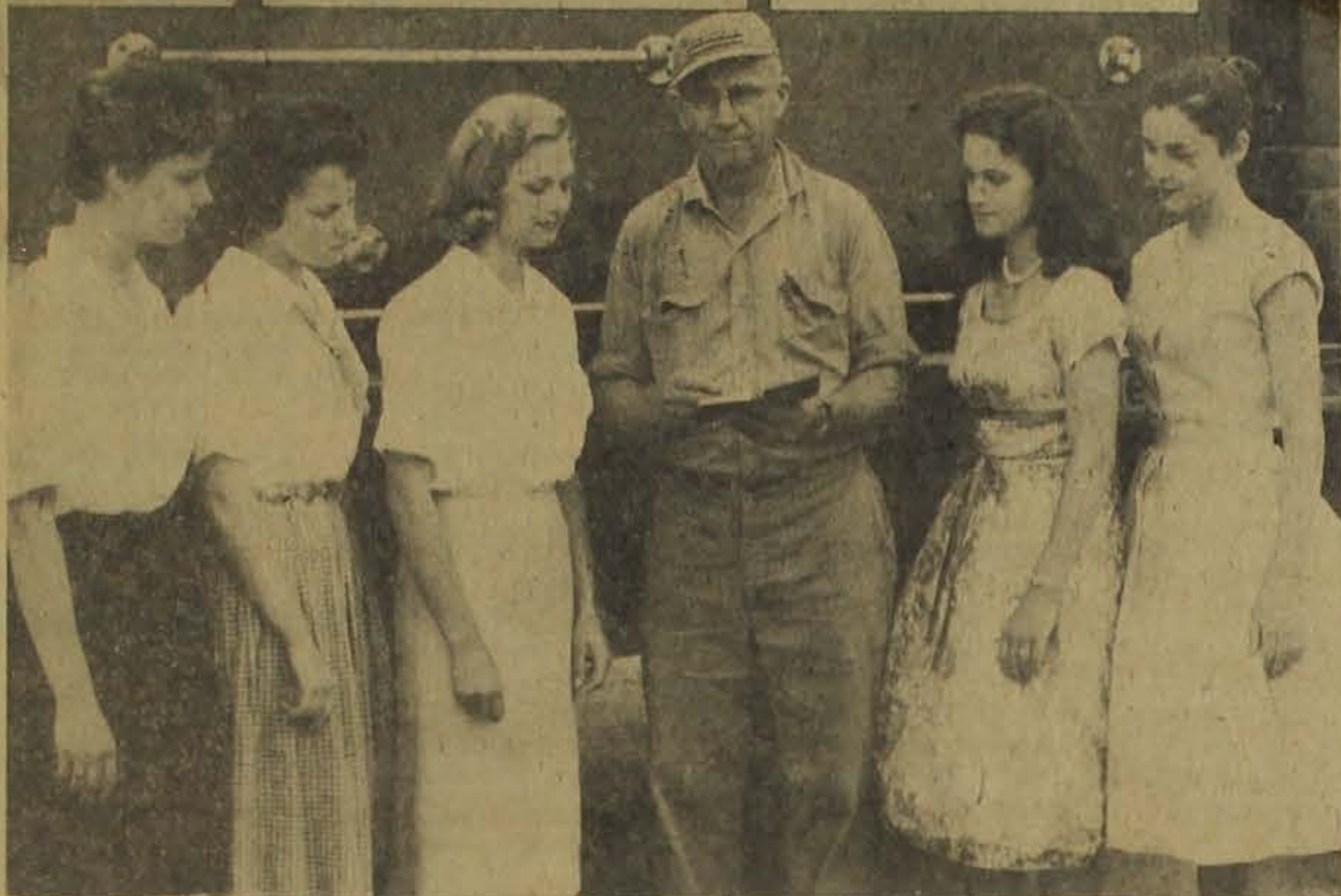
Organization of the Long Creek Watershed Association was completed Tuesday night at a meeting of interested farmers and property owners held at the Jesse Burgus home in Doyle township.

Jesse Burgus was elected chairman of the new association's first slate of officers with Galen Benbow as vice-chairman, and Francis Davis, Gaylord Dick and Lyle Saddoris, committee members.

The group planned a campaign of contracting other farmers in the affected area "to inform them of the benefits that they may derive from the organization of a watershed project in the Long Creek area."

Those attending the organization meeting were: Jesse Burgus, R. A. Bennett, Asher Brand, Leonard Ramsey, Francis Davis, Lowell Cochran, Gerald Siefkas, Lyle Saddoris, C. M. Chew, William Farr, D. R. Miller, Lowell Moran, Adrian Fuller, Doyce Miller, Harold Brim, Steve Evans, T. J. Laing and Harold Anderson.

INTERIOR FISH & WILDLIFE SERVICE FAIRPORT, IOWA



13 Girls In Contest For Queen Title

Thirteen Clarke county girls had already entered the Queen of Conservation contest this morning to insure a record number of candidates for the event which will be a feature of Osceola's July 4th evening program.

Selection of 2 candidates to represent the Clarke Soil Conservation District in the regional contest will be held at 8 o'clock on Monday evening at the band stand on the south side of the court house park. Ward Reynoldson will be master of ceremonies for the contest.

Six new candidates, who entered the contest since the list was announced on Tuesday, include the following:

Bonnie Gibson, daughter of Mr. and Mrs. Don Gibson of Osceola.

Patty Gray, daughter of Mr. and Mrs. Marvin Gray of Osceola.

Sue Smith, daughter of Mr. and Mrs. Jesse Smith of New Virginia.

Wanda Thompson, daughter of Mr. and Mrs. Howard Thompson of New Virginia.

Barbara Garner, daughter of Mr. and Mrs. Glen Garner of New Virginia.

Linda Ramsey, daughter of Mr. and Mrs. Aubrey Ramsey of Weldon.

The candidates who had previously been announced included the following:

Mildred Osgood, daughter of Mr. and Mrs. G. R. Osgood of Woodburn; Janet and Linda Gonseth, daughters of Mr. and Mrs. Morris Gonseth of Osceola; Nancy Schultz, daughter of Mr. and Mrs. George Schultz of Weldon; Rose Edgington, daughter of Mr. and Mrs. Don Edgington of Osceola; Reba Hendrickson, daughter of Mr. and Mrs. Doyle Hendrickson of Weldon, and Arleen Gross, daughter of Mr. and Mrs. Sydney Gross of Osceola.



Nine of the Clarke county girls who will be candidates in the Queen of Conservation contest to be held in Osceola on the evening of July 4 met Wednesday at a typical conservation project when the U. S. Fish and Wildlife Service was distributing fish for planting in farm ponds owned by cooperators of the Clarke Soil Conservation District. Other candidates had not yet entered the contest.

Figures on the number of fish planted in local ponds are being shown by Harold Anderson, work unit conservationist, to other candidates, from left: Janet Gonseth, Linda, Gonseth, Mildred Osgood and Bonnie Gibson in the top picture.

In the other picture Carl Handrock, past commissioner of the soil district, is showing some of the bass and bluegills to the candidates, from left: Arlene Gross, Reba Hendrickson, Nancy Schultz, and Rose Edgington.

In Colorful Conservation Contest . . .

Patty Gray, Linda Gonseth Queens



Patty Gray, left, and Linda Gonseth will represent Clarke county in the regional contest for the title of Iowa's Queen of Conservation as a result of the contest held as a part of the July 4 program Monday.

Two pretty 16-year-old Clarke Community high school juniors were selected as a feature of the July 4th evening program from among 14 attractive Clarke county farm girls to represent Clarke county in the Iowa Queen of Conservation contest. They are:

Patty Gray, daughter of Mr. and Mrs. Marvin Gray of Osceola.

Linda Rae Gonseth, daughter of Mr. and Mrs. Morris Gonseth of Osceola.

"Judges had a difficult time in making their selections from among the record number of outstanding candidates," Harold Anderson, work unit conservationist of the Clarke Soil Conservation District, sponsors of the contest, said.

The two local winners will represent Clarke county in the regional contest to be held Aug. 1 as a feature of the Albia Fall Festival. The winner at Albia will enter the state contest and for the past two years one of the Clarke county entries has taken that honor.

Ward Reynoldson was master of ceremonies for the contest which was attended by a record crowd as a highlight of the July 4 program. Music was provided by a group of Clarke Community high school musicians under the direction of Edmond Hargrove.

Miss Gray is active in 4-H work and is secretary of the Osceola Atomettes club. She has previously been elected Queen of the FFA by the Osceola chapter. At the 959 Iowa State Fair she won a blue ribbon in 4-H sewing.

Miss Gray lives with her parents and brother, Gary, 17, on the 280-acre family farm 13 miles southeast of Osceola.

Miss Gonseth has had an active 4-H Club career and is taking home economics as a major at the Clarke Community high school where she will be a junior next fall. She lives on the family's 400-acre farm two miles southeast of Osceola with her parents and one sister, Janet, 17, who was also a queen candidate; two brothers, Richard, 20, and Ronnie, 14.

It is an interesting sidelight that the two queen contest winners are not only near neighbors but that they tied for second place in 1957 with their entries in the seventh grade conservation workbook contest.

Other candidates in the contest were: Bonnie Gibson, Sue Smith, Wanda Thompson, Barbara Garner, Linda Ramsey, Mildred Osgood, Nancy Schultz, Rose Edgington, Reba Hendrickson, Arlene Gross and Donna Sheesley.

