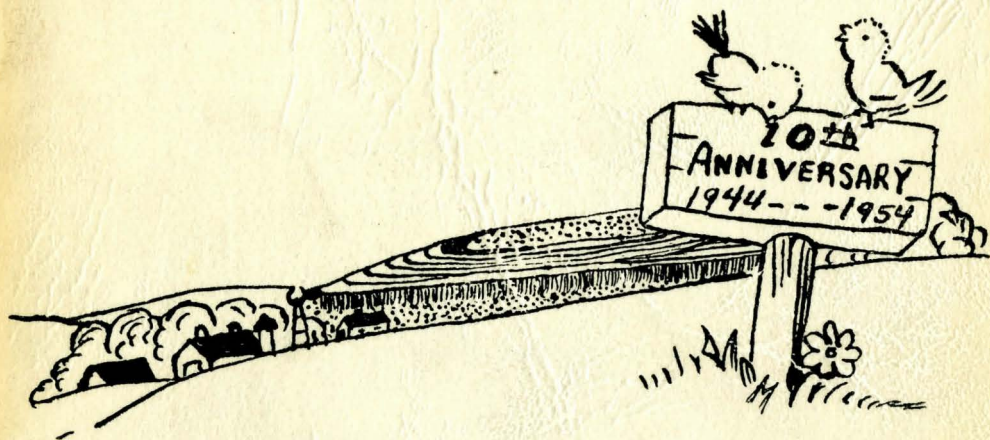


1954 ANNUAL REPORT



APPANOOSE SOIL CONSERVATION DISTRICT

Agricultural Building
Centerville, Iowa

In the interest of furthering soil conservation, please show this report to any of your neighbors who may not have one.

Soil Conservation Objective

"The basic physical
objective of soil conservation
activities in Appanoose County

Shall be

The use of each acre of agricultural land in the Appanoose District within its capabilities and the treatment of each acre of agricultural land in accordance with its needs for protection and improvement."

Dear Cooperator:

We submit the following report so you might know the progress being made in the Appanoose Soil Conservation District. Although it shows need for much more conservation we are pleased with the progress that has been made to date.

The District is ready to help in the new phase of soil conservation, that is, watershed development. Any watershed, as such, requesting help will get immediate attention from the District.

We are able to progress in soil conservation only through cooperation with other agricultural agencies and with the farmers themselves. We Commissioners feel we have good cooperation from all. We hope you will read this report as it is our way of reporting the work done in the Appanoose Soil Conservation District.

Very truly yours,

ARTHUR M. STREEPY, Commissioner
Soil District Commissioners

R. C. WILSON, Commissioner

FRANK M. McCABE, Commissioner



R. C. WILSON FRANK McCABE ARTHUR STREEPY, Chr.

COMMISSIONERS

APPANOOSE SOIL CONSERVATION DISTRICT

1954 Personnel

Appanoose Soil Conservation District

State of Iowa

DISTRICT COMMISSIONERS

Arthur M. Streepy.....Chairman
 R. C. Wilson.....Commissioner
 Frank M. McCabe.....Commissioner
 Fred G. Lasley.....County Extension Director
Secretary of Board of Commissioners

SOIL CONSERVATION SERVICE

E. E. Smith, Jr., Chariton, Iowa.....Area Conservationist
 William E. Stark.....Work Unit Conservationist
 LaVern A. Whitaker.....Conservation Aid

STATE EMPLOYEES

Joe R. Luse.....State Technical Aid
 Cora Lee Widmar.....Clerk

DISTRICT EMPLOYEES

Bulldozer Operators.....Wendell Pick
Carl Hiatt
 Low-boy Operator.....Arthur Davis



THE AGRICULTURAL BUILDING IN APPANOOSE COUNTY

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Calendar of Events, 1954

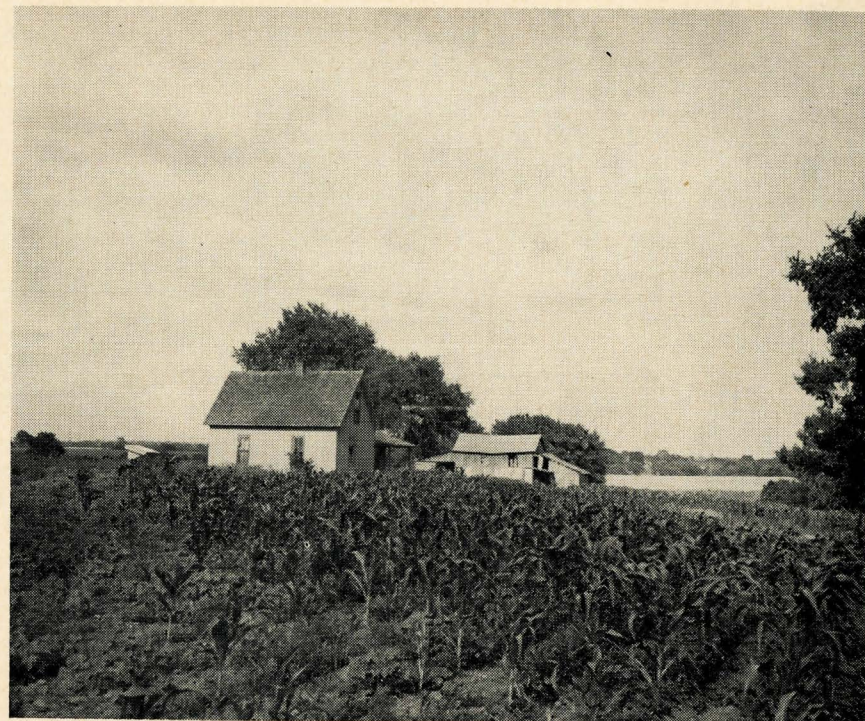
JANUARY

On January 26, Frank M. McCabe, Numa, Iowa, was elected as Soil Commissioner for a 6-year term. He succeeded George Scott who served as a Commissioner for six years. Frank had been with the AAA-PMA since the '30's and was the county chairman until last year.

The first meeting of the sixth annual Farmer Conservationist School was held January 5. Dale Hull, Harvey Thompson, and Dick McWilliams conducted a silage tour on the Rex Wells, Sam Carpenter, Delmont Moffitt, James McDanolds and John Mitchell farms. Approximately 20 farmers went on the tour. Coffee and doughnuts were furnished by Earl Cramblit, and milk and sandwiches by the Moffitts.

The second school was held on January 12. Herb Howell talked on "The Economics of Soil Conservation Practices" and movies were shown during the afternoon. Coffee and doughnuts were furnished by Jack Morris.

On January 19 and 26 the third and fourth schools were held. On January 19, Joe Stritzel gave a talk on "Fertilizers", and on January 26, R. M. McWilliams and Harvey Thompson talked on "Forage". On the 19th, coffee and doughnuts were furnished by Pillsbury, and on the 26th coffee and doughnuts were furnished by Selix and Gibbs.



The only fertile soil on the Commissioners' Demonstration Farm is within a stone's throw of the buildings. As long as the farm soil will not support a good set of buildings, let alone a farm family, the Commissioners first task is to raise the fertility level and establish a soil building rotation hand in hand with soil and water conservation practices.

FEBRUARY

Continued regular activities.

Special Report by Doyle Anderson, Chairman of the County ASC Committee . . .

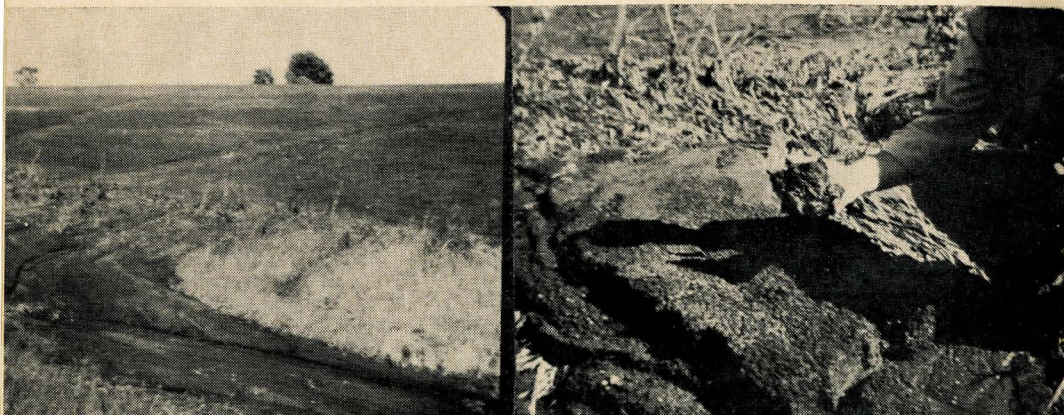
"The county ASC committee finds the Soil Conservation Service technicians cooperative and helpful in carrying on the program. The SCS had the responsibility for the technical phase of ACP permanent conservation practices. An amount not to exceed 5% of the county ACP funds are set aside for the duties of soil conservation technicians to carry out these practices:

1. Find the practice needed on the farm.
2. Layout the site.
3. Supervise installation.
4. Certify the performance.

MARCH

Frank McCabe took office as District Commissioner on March 21. (See highlights of past 10 years on page 16-19.)

The district commissioners purchased a new Caterpillar D-7 bulldozer and tractor this month.



Here is the result of one rain's destructive power just after corn planting in 1951. The location is north of Centerville on highway 60.

This is a close-up of the soil washed from the field on the left showing the rich top soil which carried all of the requirements of good crop growth. Soil erosion is our main problem on sloping fields.

APRIL

On April 16, sixteen local Scouts and Explorers planted one-half of a contour multiflora rose fence on the west side of the Commissioners' Demonstration Farm under the supervision of Bill Stark, farm planner. County extension director Fred Lasley, conservation officer Roy Downing, conservation specialist S. T. Runkel, and Bill Stark gave short talks concerning the various phases of natural resource conservation. Everyone then enjoyed a good steak dinner furnished by the Scouts.

The commissioners purchased a low-boy trailer and truck-tractor to transport their bulldozers to various jobs.

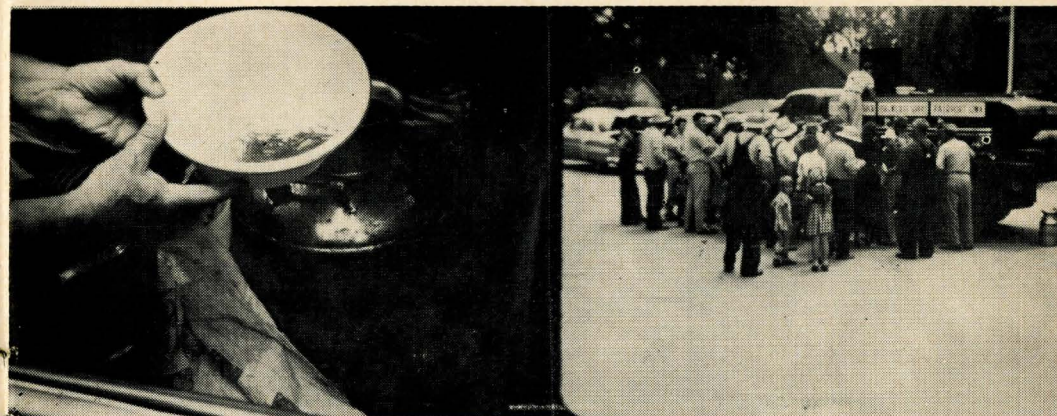
MAY

Continued regular activities.

Special Report by Fred Lasley, Extension Director . . .



"The Soil Conservation District Commissioners through a Memorandum of Understanding with the Extension Service, submits each year a request for educational assistance to the local Extension Program Planning Committee. This year, requests reviewed by the committee and incorporated into the 1953-54 extension educational program provided for assistance in carrying out the educational phases of the annual soil conservation schools. Extension specialist participating and the topics discussed may be found in other sections of the Annual District Report."



Fingerling bluegill just received by Otto Moore, Plano, from the distribution truck prior to transport to the farm pond. The Soil District acts as the go-between the Fish and Wildlife Service and the farmer.

Scene at the Hy-Vee store parking lot where farmers are receiving their fingerling bass and bluegill from the U. S. Fish and Wildlife Service. Farm ponds can also be stocked through the local state conservation officer.

JUNE

A Scout camporee was held on the District Demonstration Farm, June 5-6. Sixty Scouts from three counties participated in the event. Six different problem areas in 35 acres of timber were set up as conservation stations by the Soil District Farm Planner. Each station was manned by at least one of the following technicians who is engaged in that type of conservation work: E. Stemple, biologist; Stan Nervig, forester; local SCS technicians; Otto Moore, Lynn Wells, farmers; Louis Strohmman, Conservation Commission; and Cris Hein, Roy Downing, Conservation Officers. The scouts were divided into six groups and spent about 30 minutes at each station, hearing from the technician about that activity and then they got to do some of the actual conservation work before they went to the next station.

Seventy farmers of Appanoose county received bass and bluegills ordered through the district from the U. S. Fish and Wildlife Service.

Soil Conservation Week was observed June 14-19. During this week the commissioners sent a copy of their annual report to every cooperator. Several news items and advertisements were published on conservation activities in the district from data furnished by farmers and the local county extension director.



Centerville Boy Scouts and Explorers received first hand knowledge from SCS technicians, Game Warden, and Extension Director on conservation problems and practices at the Soil District Commissioners farm.

The same group of Scouts practice their conservation good turn at the demonstration farm by planting a contour multiflora rose fence. This fence will separate the cropland from the pasture and also provide wildlife food and cover.

JULY

Continued regular activities.

Special Report by Bill Stark, Farm Planner . . .

Planning assistance from the SCS technicians reached 242 additional farmers during 1954. 53 of these made their initial application to the District and were assisted with any particular conservation problem that they felt should be planned for right away. Also aerial photo maps were used to locate and outline their farm boundaries and these will be turned over to the surveyor for soil mapping in 1955.

Thirty-seven of the 205 older applicants were assisted in making their complete conservation plans and an additional four are well along. Also the rest of the above farmers who have been waiting for planning help were assisted with on the spot planning and layout which will someday become part of their basic conservation plans.

No group planning meetings have been held the past two winters; group 27 at Boston school, Exline, being the last where meetings were held. Formation of planning groups on a watershed basis is beginning to be developed in this district. Although most of the older groups were formed without regard to the watershed idea, a great many of them cover fairly large sized drainage areas and have a good share of their conservation plans in operation.

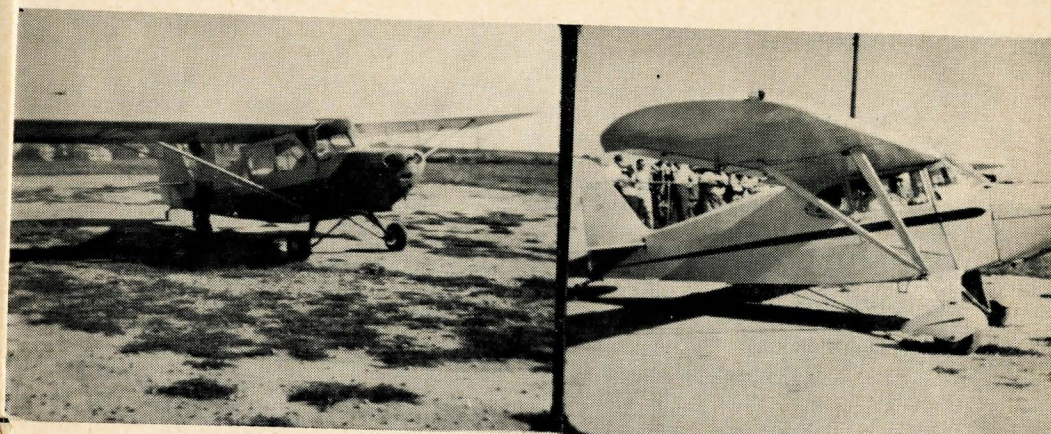
AUGUST

An exhibit was shown at the Appanoose County Fair. It consisted of showing metal containers filled with soil simulating corn fields of good, medium, and poor corn yields in relation to the depth of top soil on sloping land. Toy wagons and buckets were proportioned to show the soil and water losses on sloping fields with and without contouring, terracing, and strip-cropping.



SCS Farm Planner, Bill Stark, examining birdsfoot trefoil on the Claude Harvey farm, Cincinnati.

Left to right, LaVern Whitaker, Conservation Aid, and Joe Luse, State Aid, with pick-up load of Reed Canary grass for transplanting by the Scouts at their camporee.



At the 3rd annual conservation air tour, Wendell Pick is seen leaving the Champion of Jack Pickering's. Each year eligible farmers are given a free air tour sponsored by the Chamber of Commerce, Centerville Oil Co., and the Soil Conservation District.

Maurice Goode and his Stinson just before taking off with Versal Robb, Gerald Morrett, and Kermit Staley on the 50 mile air tour.

SEPTEMBER

The third annual air tour was held September 26. Five hundred people were in attendance. Sixteen planes, 19 pilots, and 90 farmers took the 50 mile air tour route covering 100 conservation farms over the northeast corner of the Appanoose district. Three jet planes from the Air National Guard of Des Moines came down and thrilled the farmers and their families by giving demonstrations of flight formations and maneuvers over the airport. The Centerville Gun Club also conducted a skeet shooting match which was enjoyed by the crowd.

OCTOBER

Continued regular activities.

Special Report by Wayne Dietz, Soil Scientist . . .

"On December 31, 1954, soil conservation surveys had been made on 156,805 acres in Appanoose district which represents over 50% of our agricultural land. 7,835 acres were surveyed in 1954.

Detailed field studies of some of our bottomland soils were made during the past year, on the Chariton river bottom. Preliminary studies were made by Messrs. L. Grant, L. Tyler, M. Koppen, R. A. Arnold, and W. Dietz of the Soil Conservation Service, and Dr. Frank Riecken of the Iowa State College soils department.

Later in the fall more detailed field examinations were made, and samples were obtained for laboratory work at the Iowa State College soil laboratory.

It is probable that these studies will result in additional units being added to our bottomland soils."

NOVEMBER

The annual Alfalfa Banquet sponsored by the Farm Bureau and the Chamber of Commerce was held November 9, attended by 400 farmers and businessmen. As one of the banquet's annual features, Frank McCabe, District Commissioner, presented eight farmers with soil conservation awards each consisting of a framed scroll and gold lapel pin for the outstanding conservation work they have done on their farms. The farmers who received the award this year are as follows: Joe Gardner, Earl Boyer, Richard Tubaugh, Hubert Strandberg, Joe Wilson, Charles Cross, Doyle Anderson, and Hubert Morrow. This presentation was the sixth annual recognition that the Soil Commissioners have made. Forty-six farmers or farmer-businessmen have received this award to date.

DECEMBER

Continued regular activities.

Special Report by R. C. Wilson, District Commissioner . . .

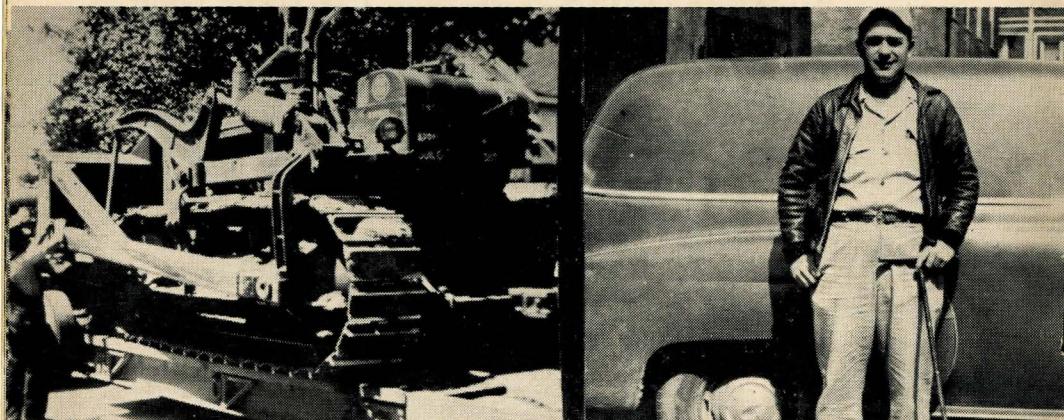
"Progress on the Appanoose Soil Conservation Demonstration farm has been slow for the past two years because the dry weather has made it impossible to get our stands of grass and legumes which are very badly needed on the farm. During the past two years 1.21 miles of terraces have been built, 13 acres of crops were planted on the contour, two acres of brush has been cleared, .6 mile of waterway has been built and seeded, 35 acres of land was limed and a large amount of phosphate was put on, 1,000 multiflora rose were planted, and three acres of trees were planted. We feel that this year, under favorable weather conditions, the farm will begin to show some profit."

10-Year Anniversary Report

On March 21, 1944 the farm owners of Appanoose county went to the polls and voted to establish a Soil Conservation District of all rural lands in this county. They also voted three of their neighbors to represent them as the first Soil Commissioners. They were Paul Strickler, Bert Monroe, and Dick Wilson.

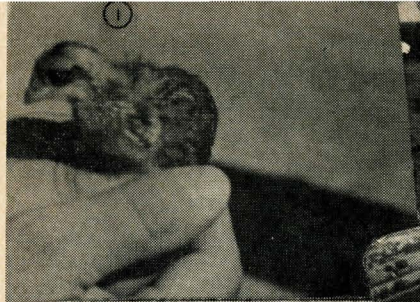
Farmers in this county had long recognized their soil and water losses and their own limitations in controlling them. Their purpose in organizing was to take advantage of federal and state technical and material assistance in controlling these costly losses. This assistance was offered through special state laws, one of which required that the farmers must govern the activities of their Soil Conservation District. Also that it was to be on a voluntary basis and that each farmer or neighbor group of farmers must file their own applications for assistance. Each farmer now moves toward farming his land according to its' capability and needs just as fast as he can or wants to go, using the district technical assistance as he wants to in "on the farm" planning and layout help.

The following are farmers who have served as District Commissioners during the past 10 years: Paul Strickler, L. B. Monroe, R. C. Wilson, Robert Bear, George Scott, and Arthur Streepy.



Art Davis and one of the two District owned bulldozers and low-boy for transporting the equipment from one farm to another. It is through the use of these bulldozers that farmers support the local activities of the Soil District.

Wayne Dietz, Corydon, SCS Soil Surveyor, who soil maps each farm that is cooperating with the Appanoose Soil Conservation District.



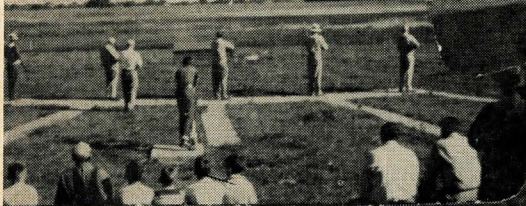
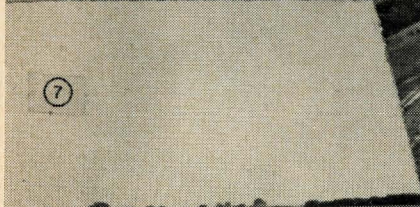
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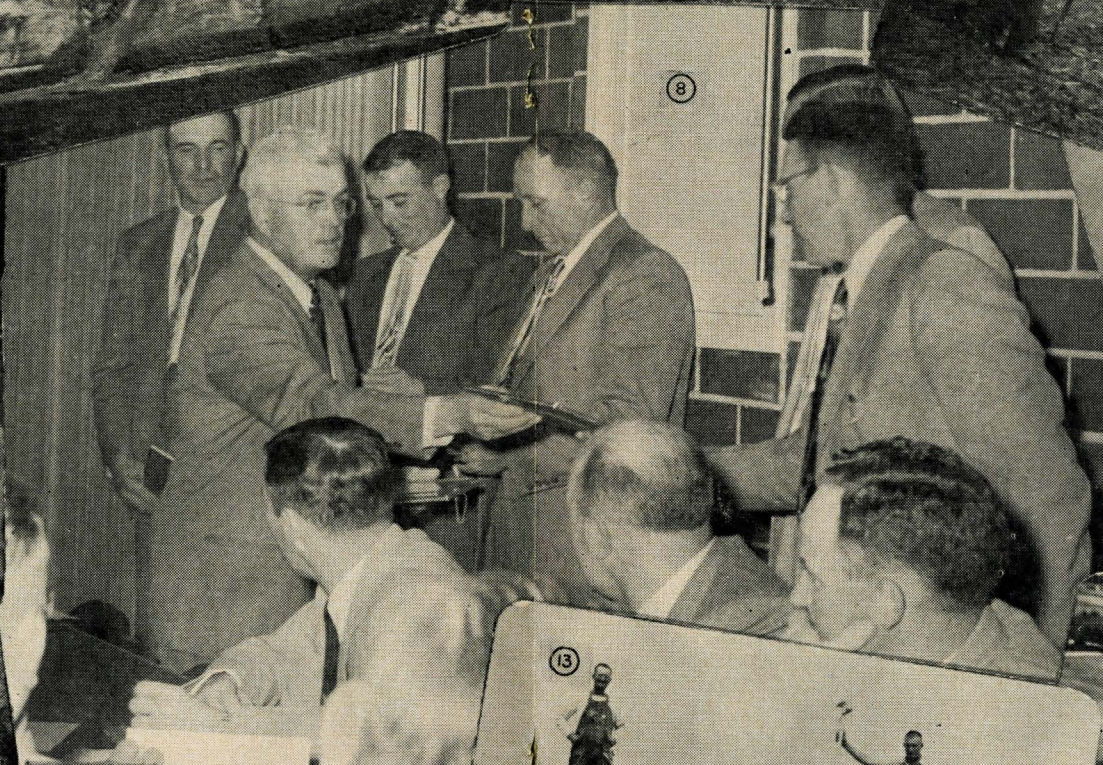
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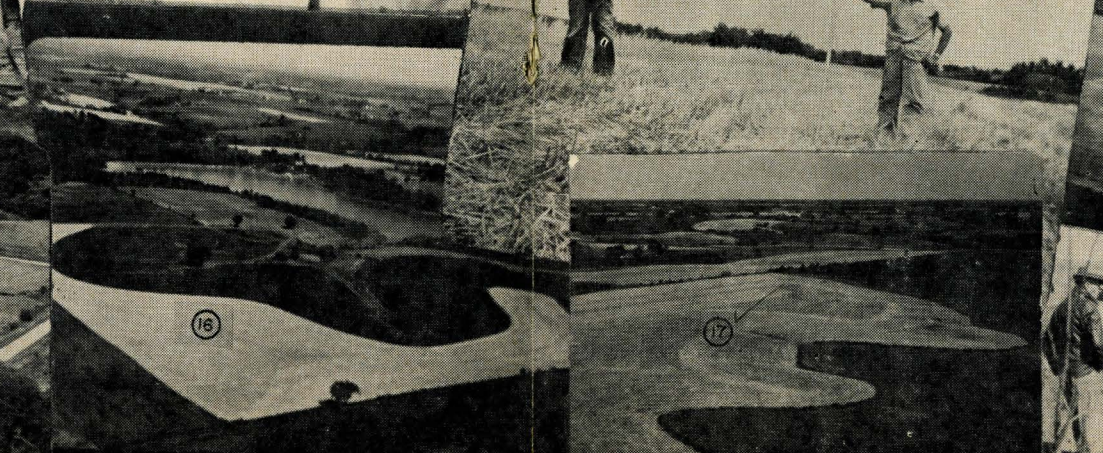
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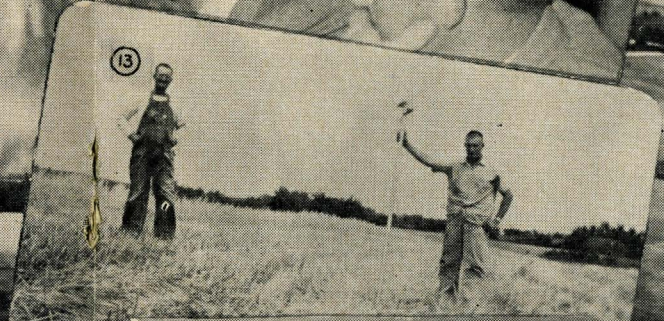


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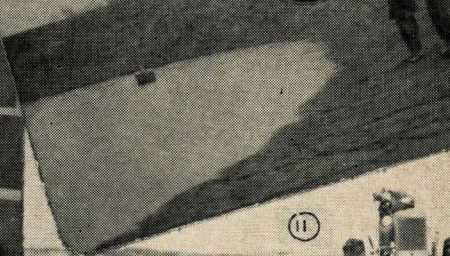


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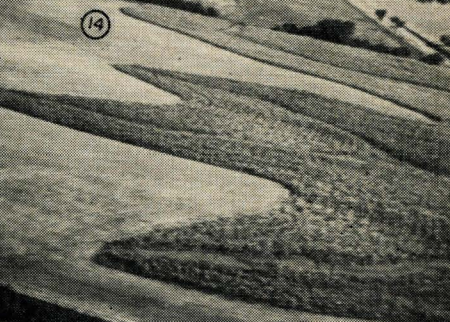
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Summary of the Past 10 Years

1944

The Appanoose Soil Conservation District was organized March 21, 1944 as the 36th district in the state of Iowa. Paul Strickler Bert Monroe, and R. C. Wilson were elected commissioners. A work program was adopted and also memorandums of understanding between the District and the U. S. Department of Agriculture, Soil Conservation Service, and Appanoose County Extension Service.

Seventeen assistant commissioners, one from each township, were selected to help the governing body, and were presented certificates in recognition of their assistance.

Five Farm Planning Groups, consisting of 57 farmers wishing soil conservation assistance were formed through the assistance of Glen Burlingmair, county agent, during the year.

Everett Pownall was the Farm Planner at the SCS office at this time.

1945

On February 8, 1945 a joint meeting of the district commissioners, assistant commissioners, and other interested farmers was held. Morris E. Mortimer, SCS, was the speaker for the evening.

At this time the commissioners were very much interestd in developing several different pasture plots for experimental purposes. One of the pasture plots was started on the Harley Vinzant farm sponsored by the Centerville Association of Commerce, Appanoose County Farm Bureau, Extension Service, Iowa State College, and the Appanoose Soil Conservation District.

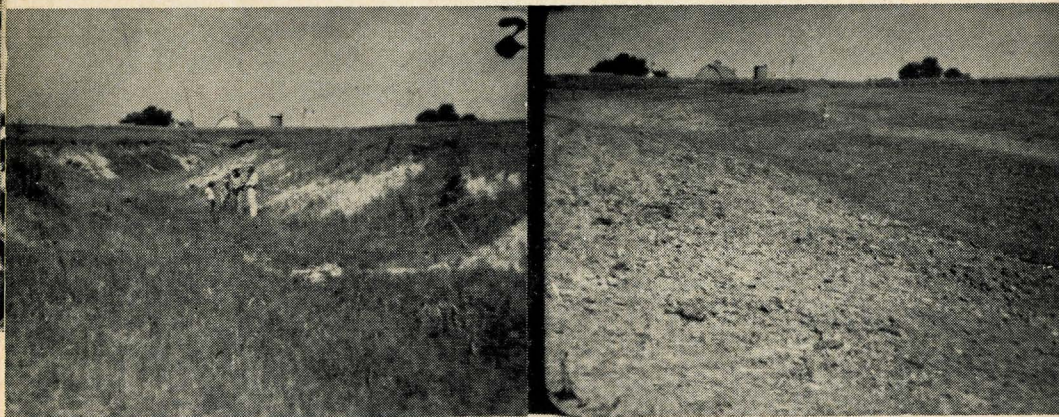
Farm Planning Groups 6, 7, 8, and 9 were formed during the year consisting of 39 farmers.

1946

On March 28, 1946, an election was held and Robert Bear was elected as a district commissioner for two years succeeding Paul Strickler.

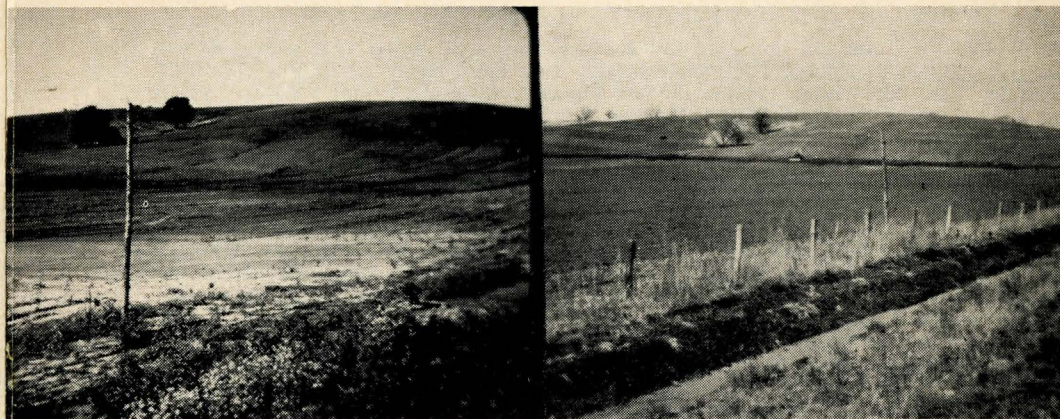
Everett Pownall was transferred to the SCS office at Chariton and Jim Thorp came to replace him. As the work load built up the commissioners asked for more assistance and Larry Wolfe became the first Conservation Aid.

Farm planning groups No. 10 and 11 were formed during the year consisting of 18 farmers.



The before picture of large gully on the Lee Benz farm, Soil Conservation Field Day, 1949.

The after picture showing how the gully has been reclaimed into the pasture. A diversion protects the new waterway.



The before picture showing how hillside erosion caused by run-off water has caused clay to be deposited on top of good bottomland soil. Minnie Sharp farm, Moravia.

The same scene 2 years later after Don Pettibone built a foothill diversion and the County Board cleaned out the road ditch. Many of our conservation problems require cooperation of this kind.

1947

During the year, Robert Bear and Bert Monroe died. George Scott and Art Streepy were chosen to succeed them and to serve out their remaining office terms as district commissioners.

During the year, 10 farm planning groups were formed.

1948

Larry Wolfe resigned to take a position with the Veterans Training program and LaVern Whitaker started working this year as a Conservation Aid for the Soil Conservation Service.

The district was loaned a war surplus TD-18 tractor bulldozer from the Soil Conservation Service, to aid the farmers in building ponds, diversions, etc.

The commissioners bought shares in the southeast Iowa Experimental Farm, east of Bloomfield, and also helped local agricultural groups sell shares to many farmers in the county.

Bill Stark started working in October as Farm Planner for the Soil Conservation Service, replacing Jim Thorp who left to take a position with the Extension Service at Denison, Iowa.

1949

The first soil conservation schools were held this year. A school was held one day each week for a period of four weeks for all farmers in Appanoose county.

A contour plowing match was held on August 18 on the Lee Benz farm.

Two hundred eighty pounds of certified Fischer Bromegrass seed was distributed to cooperators for the purpose of increasing the supply of good seed in this district.

1950

Four soil conservation schools were held again this year. Attendance was good. The speakers and their subjects are as follows: Jan. 27, Dr. Browning, "Experimental Farms"; Dewey Cornell, "PMA Conservation Practices"; Feb. 1, Lloyd Dummneil; Feb. 8, Rex Beresford, "Beef Cattle Production As Related to Soil Conservation," E. E. Smith, "Soil Capabilities"; and Feb. 15, Ralph Krenzin, Lafe Young, "Forage," Ellerhof, Campbell, "Farm Forestry".

The bulldozer which was on loan to the Appanoose Soil Conservation District was granted to the district. This in turn was traded in on a new D-7 caterpillar tractor and dozer. On July 17 an Allis-Chalmers tractor and dozer were loaned to us. A terracer and scoop were also loaned to us from the State Soil Conservation Committee. A farm tractor was purchased.

In May a soil conservation award banquet was held at which time 10 outstanding farmers who had been practicing soil conservation were presented with gold lapel pins and a scroll. At the Alfalfa Banquet held in November, ten more farmers received the soil conservation award gold lapel pins and scrolls for 1950.

A Forage Field Day was held during Soil Conservation Week at the John Mitchell farm. Displays on conservation were made and shown at both the county and state fair.

The annual soil conservation field day and plowing match was held at the Don Pullman farm. At the same time the district contour plowing match was held with eight farms participating.

Three farm planning groups were formed during the year.

1951

Four soil conservation schools were held again this year. The following is a list of the speakers and their subjects: Jan. 25, Dr. Browning, "Experimental Results," John McCaughey, Joe Stritzel, "Soil Testing"; Feb. 1, Bill Boswell, "Wildlife Conservation," Bob Church, "Farm Forestry"; Feb. 8, George Fonken, George Gutmann, "Drainage and Farm Ponds," Charles Greenlee, "Farm Mtg."; Feb. 15, Dewey Cornell, "PMA Conservation Practice," Lafe Young, Lester Clapp, "Farm Mtg."

During Soil Conservation Week in June a soil conservation tour was held.

In August, a plowing match and field day was held at the Max Brown farm.

At the Alfalfa Banquet held in November, ten farmer conservationists were presented award pins and scrolls for 1951.

During the year two new farm planning groups were formed.

The district commissioners leased the old Armory Building and sub-leased it to the Farm Bureau, SCS, Extension Service, FHA, and PMA. The building is now called the County Agricultural Building.

1952

Four soil conservation schools were held in January and February. On Jan. 24, Schaller talked on "Experimental Results", and Bill Stark and John McCaughey talked on "Local Forage Problems". On Jan. 31, Chuck Greenlee talked on conservation farming and was moderator for a farmer panel. Joe Stritzel talked on "Soil Tests" on Feb. 7. Walt Wiess talked on "Long Grass Silage" on Feb. 14.

A fair exhibit was prepared for the Appanoose County Fair and was also shown at the Iowa State Fair.

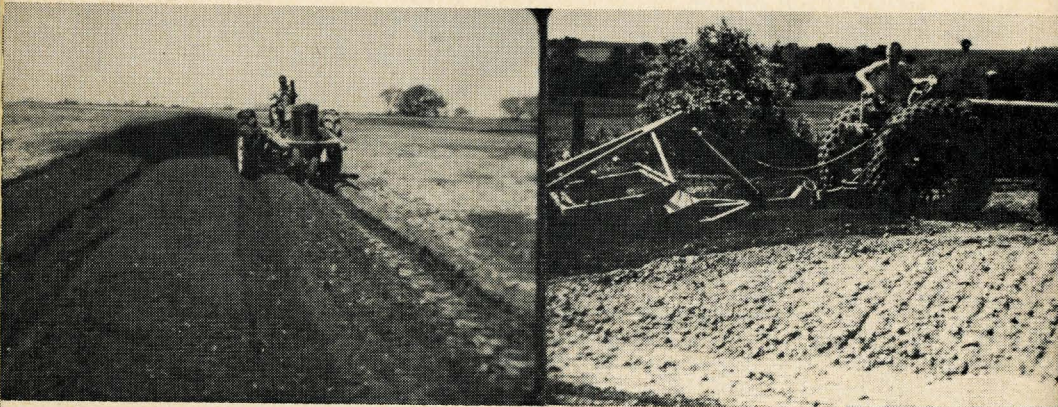
The district sponsored the first soil conservation air tour in September. One hundred thirty farmers received the free airplane ride over the 30 mile route showing how farmers were practicing soil conservation. Assisting in this tour were the Centerville Chamber of Commerce and Dorin Wailes of the Centerville Oil Company.

The annual Alfalfa Banquet was held in November at which eight farmers received the soil conservation award pins and scrolls for 1952.

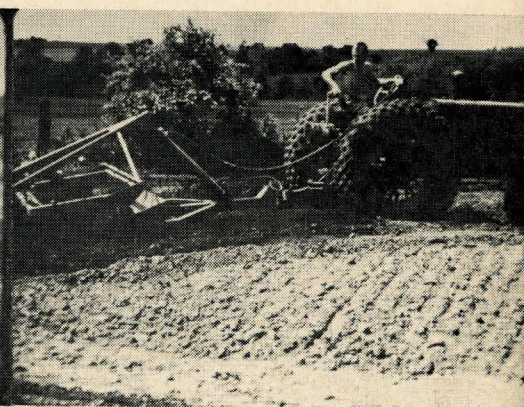
1953

In January the commissioners bought a 160 acre "worn-out" farm. This farm was purchased to help show the public during a period of six years or more how a worn-out farm appraised at no agricultural value can be transformed into a self-supporting family farm when soil conservation is established and maintained.

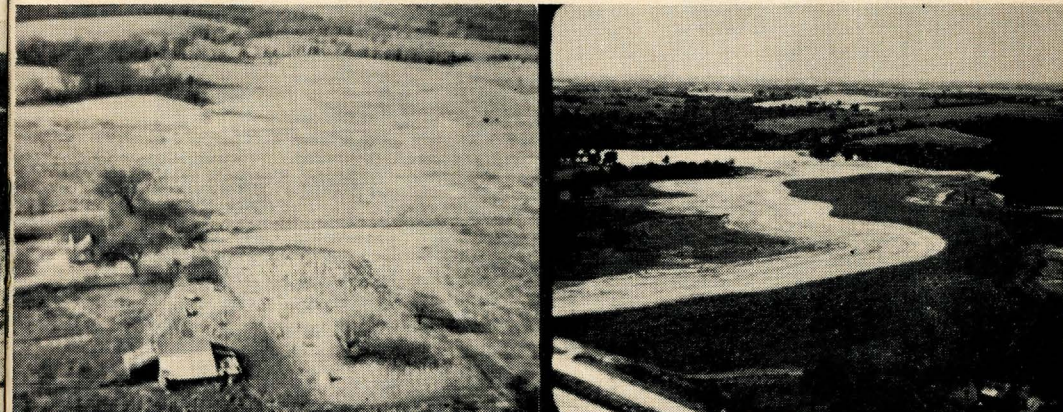
Four soil conservation schools were held during January and February. On Jan. 29 there was a farmer panel on credit for soil conservation practices. Dick Frevert and George Browning talked on new developments in agriculture, and Joe Stritzel talked on soil testing on Feb. 5. On Feb. 12 a long grass silage tour was held on the Paul McElvain and Ernie Talbert farms.



Joe Gardner, Mystic, building standard terrace with District owned whirlwind terracer. Using new method of terrace construction.



Other equipment made available to local farmers through the District is a tractor with a two-way pump to operate the 1 yd. hydraulic scoop.



Before picture of the worn-out farm purchased by the District as a practical demonstration of conservation farming. Taken in 1952.

After picture showing how field patterns change when they are "tailor-made" to fit the land. SCD farm, 1954.

A meeting was held in March with dealers and blockmen of all farm equipment companies to ask their cooperation in field days, demonstrations, etc. Cooperation was assured from all of the county dealers.

A farm planning field day was held at the SCD demonstration farm in April.

The Moravia FFA boys spent one day planting 2,000 pine trees on the SCD demonstration farm.

A field day, conducted by the local Extension and SCS, on trefoil and conservation, was held in June on the John Mitchell, Jack Howell and Jack Miller farms.

The second annual soil conservation air tour was held in October. Eighty farmers took the 40 mile tour.

The annual Alfalfa Banquet was held in November at which eight farmers received the soil conservation award pins and scrolls for 1953. 1954

The highlights of 1954 are on the front pages. This summary, ending March 21, 1954, tells of a few of the district's accomplishments during the past 10 years. These and the many other tasks would have been impossible without the excellent cooperation from everyone interested in soil conservation.

Accomplished in 1954

(By LaVern Whitaker, Conservation Aid)

"The SCS assisted 612 farms in Appanoose District in 1954. On these farms the following amounts were laid out and completed.

SCS Technical Assistance

	Practice Not Completed	Practice Completed
Contouring.....	297 acres	2012 acres
Contour Strip Cropping.....		52 acres
Brush Control.....	218 acres	706 acres
Pasture Planting.....	205 acres	1105 acres
Tree Planting.....		4 acres
Woodland Imp. Cutting.....		290 acres
Reforestation Natural.....		26 acres
Fish Pond Improvement.....		39 No.
Pond Construction.....	13 No.	107 No.
Tile Drainage.....		1105 L.F.
Diversion Construction.....	1.50 miles	6.5 miles
Open Drainage.....	.40 miles	4.3 miles
Farm Drainage.....	5 acres	203 acres
Terraces.....	6.28 miles	8.4 miles
Waterway Development.....		65.7 acres

Cooperators reading this report can see that we do not always know when the work is finished. They could help our record keeping by reporting immediately any job that is completed. All cooperators are invited to come in annually to check their plans and records with what they have applied on the land. At the same time they could talk with the technicians on any problems or new requests."

Active Agreements This Year

New district cooperators.....	53	13,029 acres
New basic plans.....	37	7,672 acres

Active Agreements to Date

District cooperators.....	520	108,092 acres
Cooperators with basic plans.....	381	71,338 acres

Goals for 1955

SCS-SCD Assistance:

Initial Agreement	40
Basic Plans	50
Rev. Basic Plans	10
Basic Plans Applied	10
Basic Plans — Followups	60
Farms Serviced	600
Planning — Group Organization	4

Soil Surveys	9,000
Contour	2,100 acres
Strip Cropping	90 acres
Terraces	15.0 miles
Diversion	11.0 miles
Tile Drainage	1,000 L. F.
Open Drainage	7.0 miles
Constructed Waterways	60 acres
Stock Ponds	90 No.
Structures	.05 miles

Financial Report for 1954

Tractor Account

Cash on hand January 1, 1954.....	\$ 238.84
Cash receipts — 1954.....	26,108.07
Demonstration Farm receipts — 1954.....	540.80
Bank loans	11,610.18

Total Cash Receipts and Bank Loans..... \$38,497.89

Tractor Repairs	\$ 4,130.51
Salary — dozer operators	8,792.14
Insurance	148.20
Miscellaneous expense	381.85
Gas and Oil Expense	2,206.28
Purchase of Caterpillar	7,760.18
Purchase of Scoop	78.00
Payments on Notes at Bank	8,952.29
Payments on Demonstration Farm	1,315.00
Purchase of Terracer	64.50
Farm Payments (Seed, Labor, Taxes).....	1,096.40
Purchase of truck-trailer	1,350.00
Purchase of low-boy	2,000.00

Total Expenditures

Expenditures deducted

Cash on hand January 1, 1955	222.54
Accounts outstanding (for dozer work)	2,563.60
Accounts outstanding (trans. to other district accounts)	612.29
Accounts outstanding (demonstration farm).....	5,208.29

8,606.72

Debts outstanding deducted

Total Assets

Inventory Statement

International tractor and dozer, purchase price....	14,340.00
Caterpillar tractor and dozer, purchase price.....	16,271.68
LaCross semi-trailer and International truck-tractor	3,350.00

33,961.68

Minus depreciation

26,806.43

Assets added

34,829.04

Minus payments owed to bank on equipment.....

Estimated net worth

Appanoose County

Soil Conservation Field Day

and Plowing Match Account

(Donations from 100 people, businesses, and organizations)

Cash on hand January 1, 1954\$ 130.73

Cash receipts — 1954..... 0.00

Gross cash 130.73

Expenditures deducted (gas and oil expense for annual air tour) 68.80

Cash on hand January 1, 1955 61.93

Southern Iowa Experimental Farm (District Owned Shares)

Share value on hand January 1, 1954 (incl. \$540.00 trans.

from bulldozer account) 540.00

Share value on hand January 1, 1955\$ 540.00

Rent Account (County Agricultural Building —

District holds 5 year lease)

Cash on hand January 1, 1954 (incl. \$72.29 trans.

from bulldozer account)\$ 56.68

Cash receipts — 1954 3,624.95

3,681.63

Expenditures deducted — 1954 3 600.00

Cash on hand January 1, 1955\$ 81.63

State of Iowa and District Funds

FINANCIAL REPORT FOR 1954

State of Iowa — 1-A Revolving Fund

(For office supplies, printing, soil conservation prizes and demonstrations.)

Cash on hand January 1, 1954	\$ 313.14
Allocation from Iowa State Soil Conservation Committee	500.00
	813.14

Expenditures:

Commissioners salary	0.00
Commissioners mileage	62.03
Office supplies	101.00
Printing	122.50
Prizes for contests	26.47
Material for demonstrations	27.43
Office expenses	134.59

Total Expenditures	\$ 474.02
Expenditures deducted	474.02
Cash on hand January 1, 1955	\$ 339.12

State of Iowa — 2-A Budget

(For salaries, mileage, and purchase of equipment.)

Cash on hand January 1, 1954	\$1,710.05
Allocated from Iowa State Soil Conservation Committee	3,200.00
Additional allocation from State Soil Conservation Committee	150.97
	\$5,061.02

Commissioners salary	0.00
Total expended on state clerical and technical salaries during 1954	3,790.86
Total expended on mileage	16.87

	3,807.73
Expenditures deducted	3,807.73
Cash on hand January 1, 1955	\$1,253.29

Whirlwind Terracer, Scoop, and Oliver Tractor Account

Cash on hand January 1, 1954	\$ 456.36
Cash receipts — 1954	14.00
Total cash receipts	470.36

Expenditures:

Repairs	2.75
Amount refunded to State Soil Conservation Committee	445.61

Total expenditures	448.36
Expenditures	448.36

Cash on hand January 1, 1955	\$ 22.00
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Appanoose Soil Conservation District Demonstration Farm Account

Annual payment on farm, plus interest	\$ 1,315.00
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Operating expenditures:

Labor	415.00
Seed	456.75
Property taxes — 1953	162.85
Electric bill for year	61.80

Total expenditures	\$ 2,411.40
Cash receipts — 1954	\$540.00
Cash receipts deducted	540.80

	1,870.60
Payments due on farm plus interest	6,945.00
Loaned to demonstration farm from tractor account	3,337.69
Total indebtedness	\$12,153.29

Inventory Statement

Purchase price plus interest	\$ 9,260.00
Conservation improvements	874.19
Estimated value of farm	\$10,134.19



Cora Lee Widmar, Clerk

Our office was visited by 595 people this year which included farmers, businessmen, and technical personnel. 45 soil maps were colored and made ready for planning. 53 new cooperators signed up with the Appanoose Soil Conservation District during the year. They are as follows: Homer Renwick, Clarence Withrow, Jr., C. A. Gardner, Ruth and Grace Clark, Paul Baldwin, Herman Tiffany, Clifford Foster, Claude Harvey, Robert Brinegar, Glenn Bailey, Tubaugh Bros., Otis Duree, Ralph Labertew, P. F. Boale, Dwight Glick, E. L. Talbert, James McDanolds, C. A. Gardner, Everette Hornaday, Sigle Mikels, Gene Exline, Ernest Witt, J. W. Gabby, Lee Schmell, Richard Burger, John Burger, Harold Bock, Grace Hiatt, Dwight Fenton, F. B. Streepy, Serge Hayworth, M. M. Teater, O. C. Hetzler, Edison Van Antwerp, John Adams, Tom Pollock, J. G. Morris, C. L. Hyde, Joe Horn, Richard Beatty, L. W. Pickett, Willis Brown, E. E. Wales, George Smith, C. L. Anderson, Albert Christoffersen, James Agnessen, Donald Dowd, Harold Miller, Howard Guenther, and George Davis. Some of these farmers also have other farmland on which they have their soil plans developed.

Legend for Large Picture Mosaic

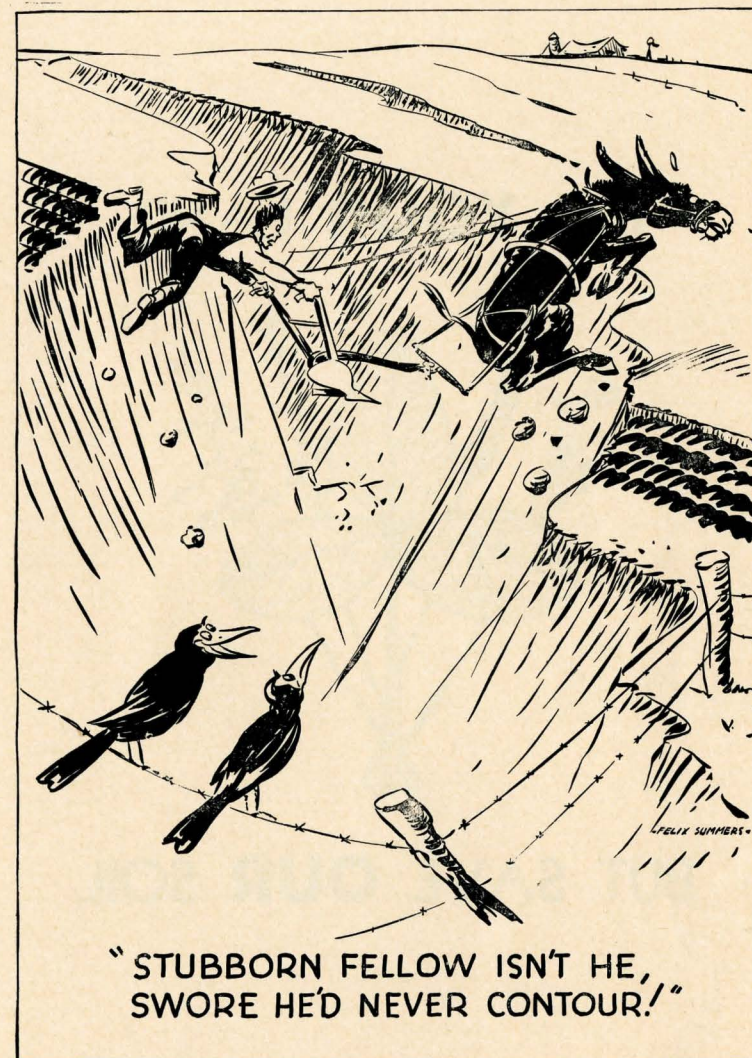
1. Baby quail chick. Quail are very numerous and provide sportsmen with plenty of hunting in this District.
2. New farm pond on Otis Duree farm, north of Plano. A good water supply is very important in livestock pasture program.
3. R. C. Wilson and son, building their drop inlet for a retention type farm pond and gully control structure. This will be more common as watershed programs develop.
4. Land clearing on the Joe Gardner farm, north of Rathbun. Most of the Chariton river bottom will produce excellent hay or pasture without drainage.
5. Proper land use at the Tubaugh Bros. farm, east of Moravia. Rough hilly land sowed to birdsfoot trefoil while the Class II and III land above and below are cropped.
6. Conservation Aid, Whitaker, and State Aid, John Gerard, surveying for drainage ditch construction of M. Bowman farm.
7. Skeet match at Centerville airport put on by the Centerville Gun Club for benefit of farmers at the Conservation Air Tour this year.
8. District Commissioner Frank McCabe handing out scrolls and gold lapel pins to the 1954 Farmer Conservationists.
9. J. R. and Alfred Bauman, north of Exline, beside their newly constructed farm pond just beginning to fill. The 2,000-yd. fill was built by Alfred with farm tractor and hydraulic scoop.
10. Contour strip cropping at the John Mitchell farm, north of Centerville. Alternate strips of grass and row crops across the slope are more effective in erosion control than ordinary contouring.
11. John Adam farm, west of Plano. John is building his terraces with his own equipment.
12. Barn built with native lumber at the Jack Miller farm, northeast of Centerville. Land best adapted for woodland will produce most building needs of the average farm.
13. Charley Cross and son, north of Plano, checking the parallel terraces they built this year. A well planned terrace system will permit more intensive farming and can carry surface run-off water away from fertile bottom lands.
14. Another sign of good land use; cropping the sloping land with contoured corn at the Newton Long farm, south of Moravia.
15. Loyd Carter, south of Moravia, has terraced the head of this small watershed and has changed the rotation to fit the capability of this sloping land.
16. John Rogers farm, north of the Centerville upper reservoir, shows how good land use patterns are changing the field boundaries in the District. Refer to the 1952 annual report cover picture for a previous picture of this same farm.
17. A complete conservation plan in operation at the George Scott farm, west of Udell. Ex-commissioner Scott has a multiflora rose fence below his contoured-terraced field which will soon replace the straight pasture fence in the foreground.
18. First meeting of each planning group takes place on someones field nearby. Land capability system is explained according to the soils and erosion conditions generally found on the neighboring farms. Boston school area, southeast of Exline.

Conclusion

In closing, the Appanoose Soil District Commissioners hope you have enjoyed reading the report and that it has been of some value to you in appreciating the work that has been done and in the job that lies ahead. We also wish to acknowledge the cooperation of the following groups and agencies in advancing our goal of good soil conservation in Appanoose county.

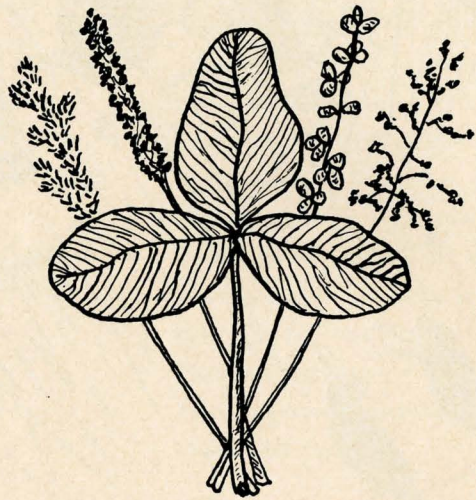
Farmers of Appanoose County
Soil Conservation Service
Extension Service
Production and Marketing Administration
Farmers Home Administration
County Board of Supervisors
State Conservation Commission
Federal Fish and Wildlife Service
Local newspapers and radio station
Local bank representatives
Appanoose county equipment dealers
Appanoose county businessmen
Chamber of Commerce

Most of the pictures used in this report are 35 mm. color transparency slides on file at the District office. They were printed for this report by Paul Turner at his Radio and Recording Shop in Center-ville. Any person who wishes to have an enlargement of these pictures or of any of the 1400 colored slides that we have, are welcome to borrow them and have them developed.



U.S. SOIL CONSERVATION SERVICE

USE **YOUR** LAND



BUT SAVE **OUR** SOIL

