

District Library Copy

1959

Annual Report

15 Year

Anniversary Report

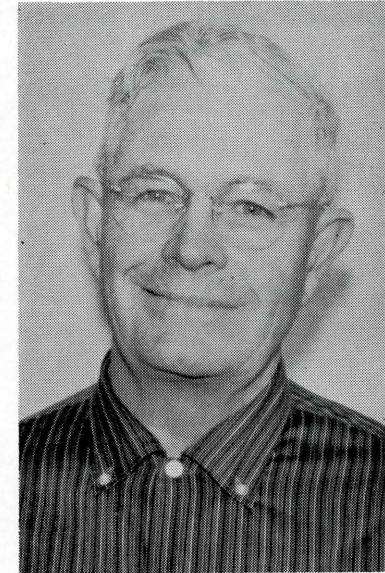
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**APPANOOSE COUNTY
SOIL CONSERVATION DISTRICT**

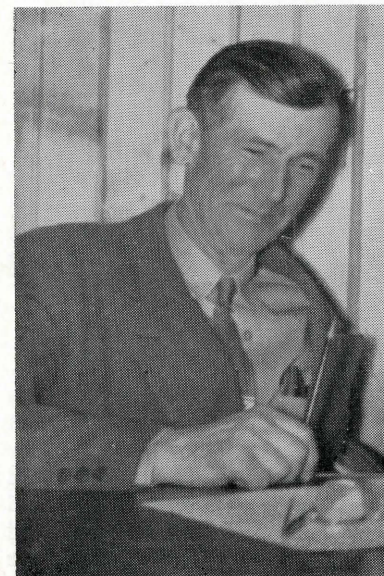
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**Agricultural Building
Centerville, Iowa**

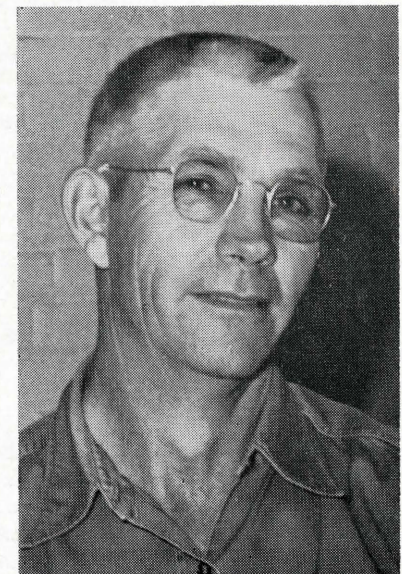
**Appanoose County Soil Conservation District
COMMISSIONERS**



Frank McCabe, Chairman



Clifford Singley



Arthur Streepy

Office
Second Floor, Agricultural Building
Centerville, Iowa

1959 Personnel

Appanoose County Soil Conservation District

State of Iowa

DISTRICT COMMISSIONERS

Frank M. McCabe, Numa, IowaChairman
 Arthur M. Streepy, Cincinnati, IowaCommissioner
 William C. Singley, Moulton, IowaCommissioner

SECRETARY OF BOARD OF COMMISSIONERS

Harold D. HolderCounty Extension Director

STATE EMPLOYEES

Joe R. LuseState Technical Aid
 Coleen HutchisonClerk

SOIL CONSERVATION SERVICE

William E. StarkWork Unit Conservationist
 LaVern A. WhitakerConservation Aid
 Lyle C. PetersonSoil Conservationist
 Roy W. SmithSoil Scientist

OTHER SCS PERSONNEL

ASSISTING THE DISTRICT

Edmund E. Smith, Jr., CharitonArea Conservationist
 Clarence R. Beem, CharitonAgricultural Engineer
 Lawrence J. Whitaker, CharitonEngineering Aid
 Leo A. Duree, CharitonSupervisory Engineering Aid
 Donald P. Peterson, CharitonEngineering Aid
 Thomas J. Brown, AlbiaAgricultural Engineer
 Melvin E. Sinclair, AlbiaEngineering Aid
 Wayne P. Dietz, CorydonSupervisory Soil Scientist
 L. Dale Lockridge, CorydonSoil Scientist
 Stanley P. Wiksell, CharitonArea Clerk

15 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, L. B. Monroe and R. C. Wilson. The following are farmers who have served as Soil Commissioners during the past 15 years: Robert Bear, George Scott, Arthur Streepy, Frank McCabe, and William Singley.

An Annual Report has been prepared for the cooperators and others interested in agriculture since 1944. Since 1949, 88 farmers have received outstanding recognition for work in soil and water conservation. To date 575 basic conservation plans for 108,668 acres have been written and 778 cooperators owning 159,284 acres of land have signed with the District. 186,861 acres of land have been soil mapped to determine type of soil, percent of slope, and amount of erosion.

To date 113 farms totaling 21,235 acres have complete practice application. Following is a summary of all practices on the land by December 31, 1959.

	Unit	Amount
Contour	Ac.	15,010
Strip Cropping	Ac.	1,460
Open Drains (Ditch)	Mi.	55.62
Tile Drains	L. F.	30,813
Farm Drains (All Acres)	Ac.	2,448
Terraces	Mi.	178.61
Diversions	Mi.	66.86
Ponds	No.	883
Waterways	Ac.	819.69
Structures	No.	26
Ponds & Structures Stocked With Fish	No.	780
Multiflora Rose Planted	Rds.	11,683
Pasture Planting	Ac.	14,308
Brush Control	Ac.	5,317
Tree Planting	Ac.	51
Woodland Protected From Grazing	Ac.	942

Farmers in this county have long recognized their soil and water losses and their own limitations in controlling them. The purpose of the District is to offer free federal and state technical assistance in controlling these costly losses. This assistance is offered through special state laws which require that the farmers govern the activities of their Soil Conservation District. It is on a voluntary basis that each farmer or watershed group of farmers may file their own applications for assistance.

District Activities — 1959

COMMISSIONERS

Singley attended Commissioners Short Course at Ames in January and the Annual Conference at Mason City in September.

A soil conservation district commissioners Regional Meeting was held at Chariton in March. Attending from Appanoose County were Commissioners McCabe and Singley. Coleen Hutchison, District Clerk, along with representatives of SCS, FHA, ASC, Extension Service, and the Conservation Commission.

Ten dollars was given for support of Pancake Day 1959.

The 1958 Annual Report was sent to 550 District cooperators and others interested in soil and water conservation in Appanoose County.

An easement was signed with the County Board of Supervisors yielding the right-of-way for a farm-to-market road along the north side of the SCD Farm.

Commissioners entered Goodyear Contest for 1959-1960.

Commissioners promoted sale of the new 4-cent soil conservation stamp released in Rapid City, South Dakota, August 26, 1959. Postmasters in this area were contacted and they reported that 13,000 of these stamps would be available in this vicinity. Contractors were notified of the stamps' value in their line of work.

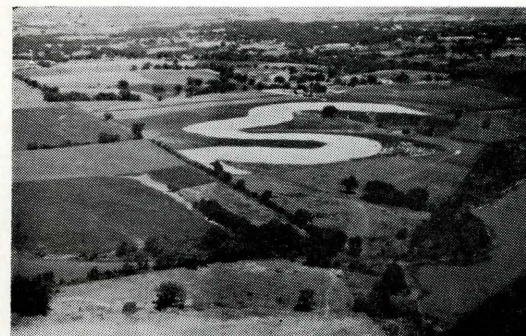
William C. Singley was named outstanding Commissioner to represent Appanoose District at the Regional Meeting in Chariton, July 31.

Commissioners Singley and Streepy, Monroe County Commissioners, Bill Stark, SCS, Harold Holder, Extension, and Leon (T Bone) McDonald were dinner guests of the Rotary International November 18. Mr. McDonald gave a short talk promoting attendance at the Alfalfa Banquet.

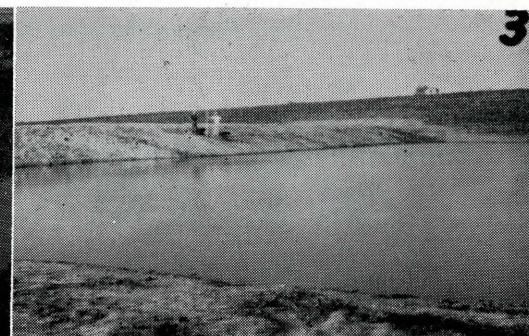
The 157 acre demonstration farm southwest of Centerville was sold to Roy W. Stephens, Newton, Iowa for \$11,000.

District entering-leaving signs were purchased and will be posted along the various highways leading to and from the District.

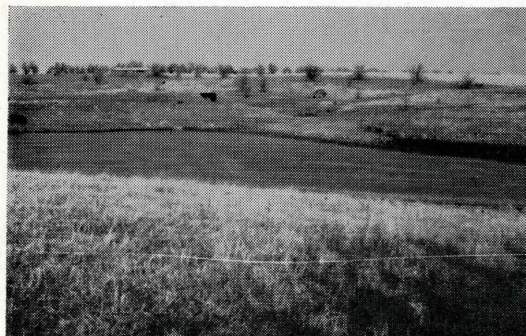
Seven regular commissioners meetings and five special meetings were held this year.



Bill Dudley farm, Cooper Creek Watershed, southwest of Centerville. Strip cropping above the Centerville Reservoir slows down run-off from cropland and helps to keep silt out of the Centerville water supply.



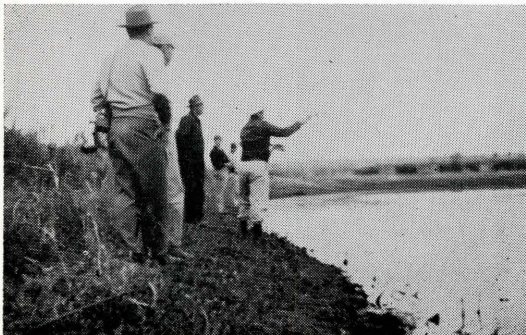
John Mitchell farm, Cooper Creek Watershed, northeast of Centerville. Farm pond with 4 inch pipe trickle tube slows down water run-off from 20 acres to no more than the 4 inch pipe will allow.



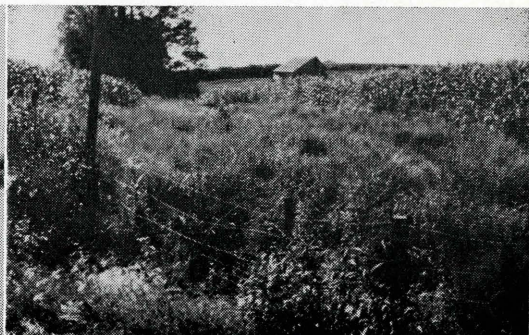
John Young farm, Walnut City Watershed, north of Walnut City. 18 inch pipe drop-inlet, gully control structure controls 103 acres drainage and reduces run-off rate 90%. Water pool provides 2 acre pond plus 12 acre feet of temporary storage.



Delbert Calhoun and Clarence Hiner farms, Iconium Watershed, southeast of Iconium. 15 inch pipe drop-inlet gully control structure controls 52 acres of drainage and reduces run-off rate 70%. Water pool provides 1½ acres pond plus 6 acre feet of temporary storage.



City of Centerville Municipal Airport, Cooper Creek Watershed, southwest of Centerville. Ponds designed for livestock water and gully control also provide top-notch recreation through bass and bluegill fishing.



John Adams farm, South Chariton Watershed, west of Plano. Reed canary grass is controlling gully erosion and stabilizing waterway by catching silt from non-contoured crop fields above.

Demonstrations — 1959

COUSINS - CONTOUR PLOWING

The Mrs. Leona Cousins farm south of Moravia was the site for a contour plowing demonstration conducted by LaVern Whitaker and Lyle Peterson of the Soil Conservation Service in May. Plowing was done by the Methodist Men's club of Moravia.

BRAIN - TILE DRAINAGE

A tile drainage demonstration was conducted by Whitaker and Peterson at the Willard Brain farm north of Unionville, Iowa in May. Mr. Brain, C. C. Miller, and Russell Kelley worked together under a group enterprise agreement to drain their Soap Creek bottomland to protect it from excess wetness.

HAWK - WATERWAY, TERRACE, AND FARM POND

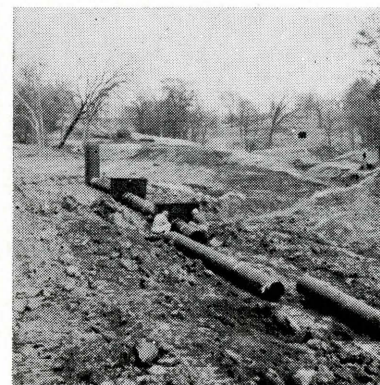
Waterway reshaping, terracing, and construction of a farm pond were all a part of the demonstration on the Harold Hawk farm south of Iconium conducted by Whitaker and Peterson in July. The construction work was done by Carl Hiatt, local contractor.

DANIELS-JAY - STRUCTURE AND DIVERSION

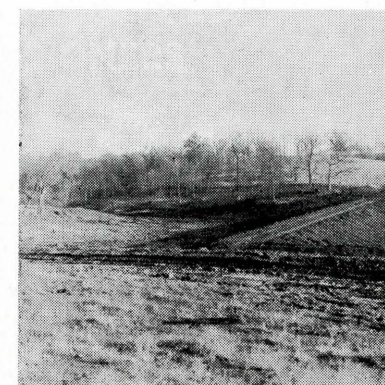
Whitaker and Peterson held a practice application demonstration at the Ward Daniels and Arthur Jay farms southwest of Moulton in October. Practices involved were two dual-purpose structures and their companion diversions. Construction was done by Henry Burgher and Olin Beeler, local contractors.



Harold Hawk farm, Iconium Watershed, southeast of Iconium. Farm pond built to furnish livestock water and to also control gully erosion. Regular installation of work such as this is used by the District to also demonstrate conservation practices.



BEFORE



AFTER

Arthur Jay farm, Moulton Watershed, southwest of Moulton. 18 inch pipe drop-inlet run-off reduction structure. Two views showing how pipe spillway is placed under fill and completed structure. Structure controls 94 acres of watershed reducing run-off rate 86% and providing a normal pool of 2.3 acres and over 9 feet of temporary storage. Between this structure and the Ward Daniels structure shown below, SCS engineers intercepted all hillside run-off by diversions, routing this additional acreage through both structures.



Ward Daniels farm, Moulton Watershed, southwest of Moulton. 12 inch drop-inlet gully control and run-off reduction structure. Run-off rate from 59 acres is reduced 94%. 9 acre feet of temporary storage is provided above the normal pool of 1 acre.



Harold Winans farm, Moulton Watershed, northwest of Moulton. Grassed waterway shaped and seeded to reed canarygrass. One of the first steps in watershed work is for each farmer to control topsoil and water losses on his own farm. Here he will gain the greatest advantage and income.

Watershed Activities — 1959

MOULTON WATERSHED

John Maddy, SCS Agronomist, made an agronomy evaluation in January.

Received word from Gladwin Young, USDA Soil Conservation Service, that Moulton Watershed application for planning assistance had been received in Washington, D.C. and given tentative approval.

A preliminary tour of the watershed was made in April by Maddy, Jacobson, Larson of the State SCS, Smith and Beem, Area SCS, and Stark, Work Unit Conservationist.

The Commissioners made a request to the State Soil Conservation Committee to enlarge the Moulton Watershed by 1,090 acres making a total of 7,275 acres. This additional area includes all land immediately south of the west end of the original watershed boundary and west of the Arthur Jay farm residence.

The State SCS Watershed Planning Party and Beem Area Engineer made a preliminary survey in August. Results will be forwarded to Des Moines and Washington, D. C. for approval to start a Work Plan.

Larson and Meyers of the State SCS Watershed Planning Party checked with Area and Work Unit Conservationists in September on gully control structure feasibility.

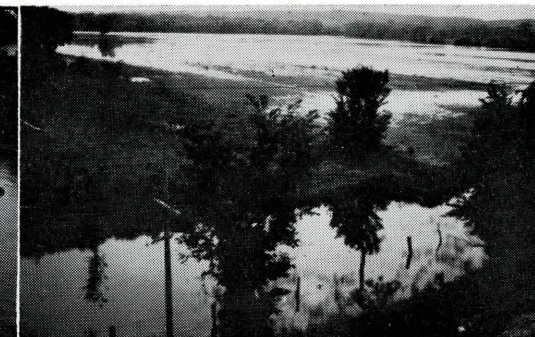
COOPER CREEK WATERSHED

The second annual meeting was held January 8 and ten new directors elected. They are: Leonard Wilson, chairman, Bill Vinzant, Loren Eddy, Joe Beer, Everett Hornaday, Jim Hibbs, Raymond Hughes, Clarence Anderson, Guernsey Willier, and Neal Eddy. Other directors are Kermit Kincaid, secretary, Hubert Strandberg, George Sidles, Dr. E. A. Larsen, Tony Sheston, and R. C. Wilson. Directors are making a special effort to contact each farmer within the watershed who has not signed a district agreement.

Directors met on June 4 and on June 8 they appeared at the City of Centerville Council meeting. The Council, after listening to report by Kermit Kincaid, secretary of Cooper Creek Watershed, went on record in favor of the project.



Dale Stuckey farm, Cooper Creek Watershed, east of Centerville. The lower end of the Cooper Creek Watershed being flooded by excess run-off water from all of the watersheds within the Chariton River above Highway 2. This flood in May, 1959 came early enough to permit near normal returns from crops, particularly soybeans.



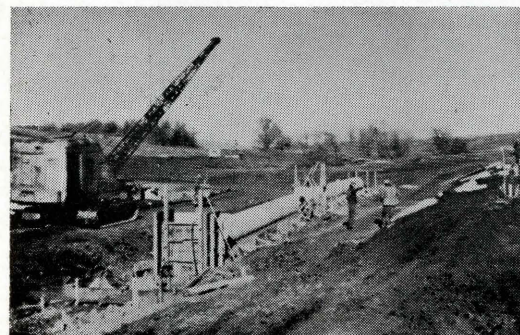
Ray Kerschner and Virgil Staley farms, West Udell Watershed, east of Centerville. Bottom-land flooding is caused by excess run-off from uplands. Control measures must begin in the uplands if a permanent system is being planned. An over-all flood control system should begin with the landowners working through Conservation Districts, Drainage Districts, and Levee Districts. Then if more control is justified larger structures may be in order.



Ray Kerschner farm, West Udell Watershed, east of Centerville. Level bottomlands adjacent to the Chariton River require extensive drainage ditches to keep hillside water from "pocketing" and to permit river flood water to drain back quickly into the main stream after flooding.



R. Beatty - J. Starceovich farm, Cooper Creek Watershed, east of Centerville. Gully control dam and stock water pond. 4 inch trickle tube pipe here provides 1.6 acres of surface water and 3.5 acre feet of temporary storage. Drainage area is 21 acres. Diversion at right prevents barnlot drainage from entering pond.



Vern Mott construction equipment, Honey Creek Watershed, Russell, Iowa. Watershed structure contracts provide nearby work opportunity for local contractors. These structures, like all federal construction, are designed and built to last many many years. Maintenance is small, but must be borne by the local community.



Frank Daniels farm, Moulton Watershed, west of Moulton. Terraces on sloping cropland carry run-off water to regular waterways. Practically all surface drainage on level land below must be routed through drainage ditches.

County Wide Watershed Promotion — 1959

Commissioner Singley was named by the Iowa Association of Soil Conservation Districts to serve on the Iowa State Watershed Committee. He attended one meeting at Avoca, Iowa in July and another in Des Moines in September.

The Appanoose County Farm Bureau and Centerville Chamber of Commerce were responsible for the meeting which brought into existence a County Wide Action Committee. The purpose of the Action Committee is to further soil and water conservation and considerable attention is being given to organizing the twenty watersheds which make up Appanoose County.

Bill Stark, SCS, spoke at Rotary International May 13, bringing them up to date on the Moulton and Cooper Creek Watersheds.

THE SPECIAL WATERSHED COMMITTEE . . .



This is the farmer group that serves as the board of directors for the upcoming soil conservation watershed development program in Appanoose District. One director was named for each watershed. Left to right, Richard Tubaugh, Jim McAninch, Tom Martin, Joe Steele, Burdette Cox and Rex Wells. Second row, Leonard Wilson, Delmont Moffitt, Bill Bostwick, Wendell Pick, Bob Walker, Ora Powell. Back row, Earl Boyer, Leon Kauzlarich, Glenn Patterson, Leland Davis, Fred Kochler, Ralph Labertew. Not pictured is Doyle Anderson.



Here are the 20 watersheds of Appanoose County, Iowa. The dark-dashed lines indicate the perimeter of each watershed. Every acre of land is within a certain watershed and surplus run-off from each acre within the city or on the farm will be the focal point of all future soil and water conservation and flood prevention work.

During 1959 watershed activity really got into gear in the Appanoose District. The climax was provided by "T Bone" McDonald when he spoke at the annual Alfalfa banquet November 19. In seeking a form of action in which all rural and urban people could participate, the Centerville Chamber of Commerce and Appanoose County Farm Bureau appointed an Action committee. This committee met with the various agricultural agencies and decided to use the newly developed, county-wide watershed approach through soil and water conservation. Their feeling was that here would be the basic foundation for future actions. A county-wide meeting was called for December 18, inviting farmers and businessmen within the 20 watersheds of the county. The rural and urban response was wonderful. A county-wide Watershed Action Board was selected and all indications are that 1960 will see tremendous strides in watershed development.

Special Activities — 1959

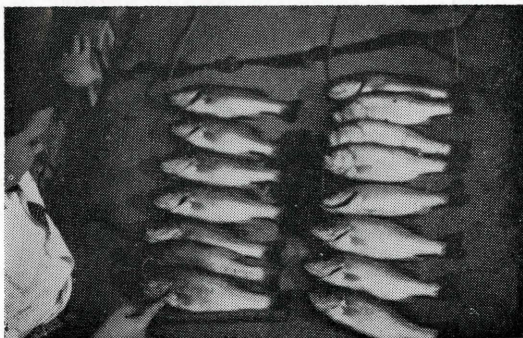
A conservation needs meeting was held at the District office in March. Present were Stark, Peterson, and Smith, SCS, Harold Holder, Extension, Loyd Carter, A S C, Dean Schlapia, FHA, Roy Downing, Conservation Officer, and Lee Benz, County Board of Supervisors.

May 3-10 was Soil Stewardship week. Information materials were sent to 35 ministers of Appanoose County. Several ministers gave sermons on Soil Stewardship and others made mention of it.

Soil Conservation Week June 7-14 was observed by a model farm exhibit, and a select-o-slide which featured Cooper Creek Watershed. These were placed in the foyer of the Agriculture Building. Newspaper articles and advertisements appeared in the local papers.

Eighty-eight farmers of Appanoose County received bass for 106 farm ponds in June. 102 farmers received nearly 19,000 bluegill, bass, and channel catfish in August. These fish were ordered through the District Office and delivered by the U. S. Fish and Wildlife Service of Fairport, Iowa.

Twelve ponds in Appanoose County were stocked with bass and bluegill by the Iowa State Conservation Commission. These fish were also ordered through the District office.



SCD farm, Cooper Creek Watershed, southwest of Centerville. Three people caught their limit of largemouth bass in 1½ hours from the Commissioners farm pond. These bass were fingerling size and were stocked 1 year ago. Average weight, .12. ounces, average length 11½ inches.



Jack Howell farm, West Udell Watershed, northeast of Centerville. Appanoose County has the distinction of being the "home" of birdsfoot trefoil in Iowa. In 1938 the late Bob Bear and Mr. Howell sowed to birdsfoot trefoil a field which is still carrying 2 animal units per acre. This field of volunteer trefoil resulted from 2 years of corn seeded to alfalfa.

A booth featuring a watershed mosaic of Appanoose County and a select-o-slide showing various practices in the county was prepared for the Appanoose County Fair August 6-10.

Bill Stark, SCS, spoke at the Rotary International meeting in August about National Inventory of Conservation Needs.



Bud McDaniel farm, North Soap Creek Watershed, southeast of Moravia. A new practice of control of brush in pastures by aerial spraying has begun in the Appanoose District. In the third year 3,000 acres were sprayed and wonderful results were obtained in most cases. Two sprayings are required, 1 year apart, to do an effective job of brush control.

Moravia Vocational Agriculture classes used select-o-slide to feature soil and water conservation slides taken in Appanoose County at the Moravia Fall Festival.

Thoreson and Maddy, State SCS, and Pierre, Federal SCS, made an agronomy tour October 28. They checked the Kincaid research plots, the plastic screen and mulch terrace outlet at the SCD farm and the aerial spray program in the Unionville, Iowa area.

The annual Alfalfa Banquet was held November 19 with Leon (T Bone) McDonald, Assistant State Conservationist, SCS, Stillwater, Oklahoma, being the featured speaker. Cliff Singley presented outstanding soil conservation awards from the Commissioners to Clifford Walker, Floyd Dykes, Frank Daniels, Frank McCabe, Sigle Mikels, Wendell Oden, James McAninch, and Everett Jones.

Commissioner Singley and Bill Stark SCS, attended the 1960 AC program meeting in Ottumwa, Iowa, November 23.

Watersheds, the Moulton Watershed in particular, was the subject discussed at the Moulton Vocational Agriculture Adult class in November by Bill Stark, and Lyle Peterson, SCS. They also gave information on planning status of the District. Stark spoke on forages and birdsfoot trefoil at a December meeting.



Kermit Kincaid farm, Cooper Creek Watershed, north of Centerville. Agriculture Research Service conducts experiments on how to obtain vegetative cover on critical subsoil and eroded areas. Results of their findings today become the guide lines for tomorrow's agriculture.

A plant materials inspection was conducted by Virgil Hawk and E. E. Smith, Jr., SCS, at the Ralph Dudley, Clifford Brinegar, and Ray Harrison farm plots in August.

John Maddy, SCS Agronomist, toured Appanoose County with Bill Stark, September 15 to check results and converse with farmers on the aerial spray method of brush control.

Accomplishments In 1959

Technical Assistance Through SCS		Financial Assistance Through A. S. C.	
Practices Unfinished Amt. Unit	Practices Completed Amt. Unit	Average Rate Per Unit	Average Federal cost-share per units completed
Contour	2,288 Ac.	\$ 1.50	\$ 3,432
Contour Strip Cropping	31 Ac.	\$ 2.00	\$ 62
Brush Control	2,350 Ac.	\$ 7.00	\$16,450
Pasture Planting	2,457 Ac.	\$ 6.00	\$14,742
Tree Planting	15 Ac.	\$ 20.00	\$ 300
Reforestation Natural	303 Ac.		
Fish Pond Improvement	109 No.		
Hedge Row Planting	888 Rds.		
Wildlife Area Improve't	363 Ac.		
Diversion Construction 2 Mi.	9 Mi.	\$274.00	\$ 2,466
Open Drain	6 Mi.	\$233.00	\$ 1,338
Farm Drain	474 Ac.	\$ 10.00	\$ 4,740
Tile Drainage	19,190 L.F.	\$ 0.035	\$ 672
Ponds	67 No.	\$314.00	\$21,038
Terraces	25 Mi.	\$182.00	\$ 4,550
Structures	6 No.	\$1012.00	\$ 6,072
Waterway Development	94 Ac.	\$194.00	\$18,236

ACTIVE AGREEMENTS THIS YEAR

New District Cooperators	54 No.	9,488 Ac.
New Basic Plans	50 No.	7,964 Ac.
Revision of Basic Plans	5 No.	1,266 Ac.
Followups on Basic Plans		120 No.

ACTIVE AGREEMENTS TO DATE

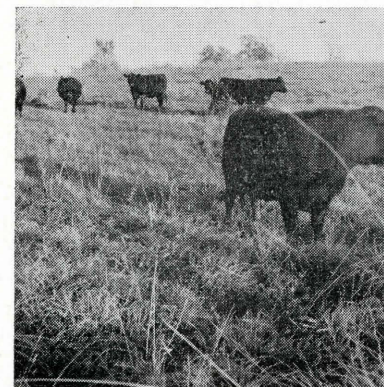
District Cooperators	778 No.	159,284 Ac.
Cooperators with Basic Plans	575 No.	108,668 Ac.

All cooperators are invited to come to the District Office to check their plans and records with what they have applied on the land and talk with the technicians on new problems or requests. Technicians can help plan for the practices to request ASC for cost-sharing assistance.

Goals For 1960

SCS-SCD ASSISTANCE

New District Cooperators	60
Basic Plans	60
Rev. Basic Plans	15
Basic Plans Applied	25
Basic Plans - Followups	120
Farms Serviced	500
Soil Surveys	7,000 Acres
Contouring	3,100 Acres
Strip Cropping	100 Acres
Terraces	30 Miles
Diversions	12 Miles
Tile Drainage	4,000 L. F.
Open Drainage	10 Miles
Constructed Waterways	130 Acres
Ponds	120 No.
Structures	10 No.
Tree Planting	20 Acres
Pasture Planting	2,200 Acres



William C. Singley, Fox Creek Watershed, northeast of Moulton. Birdsfoot trefoil pasture is one of the goals of most farmers in this District. Birdsfoot is the "corn" of the livestock farmer and will produce up to 350 pounds of beef per acre per year. Close up at right shows Lyle Peterson, SCS technician examining the heavy production of trefoil and orchardgrass, showing how this pasture legume tends to lie close to the ground. Trefoil is capable of producing 400 pounds of seed per acre and can withstand more punishment than any other perennial legume.

1959 Basic Plans

Dwane Watkins
Ward Daniels
Don Crawford
Bob Irelan
W. A. Harris
Tony Sheston
Marvin Howard
Lettie Daniels
Joe Daniels
Gerald - Pearl Brockus
M. C. Anderson
Leo Houser
Ross Childs
Ralph Newcomer
Glen Johnston
Arthur Jay
Doyle Anderson

Millard Coy
Assoc. of Commerce
Charles DePuy
Paul Howell (2)
Kermit Strickler
Lowell Houston
Gene Houston
Susie Swarts
Lynch Bros.
Mrs. Ethel Allen
John Swarts Est.
Floyd Crouch
Tubaugh Brothers
Bernard Swarts
Hubert Morrow

Mrs. Versal Robb
A. D. Kimball
E. P. Cook
Vern Merrick
Cam Hayes
R. C. Hiatt
George McCannon
Dean Duley
Roger Wells
Clive Wells
John Starcevic
Fern VanAntwerp
Charles S. Cooper
Leona Davis
J. H. Foster, Jr.
Alfred Fobian
Burdette Cox

1959 Revised Plans

William Hutchison
R. J. Miller

Everett Jones

George Davis
John McDanolds

1959 New District Cooperators

Raymond Hughes
Charles DePuy
Harold Hawk
J. W. VanDeventer
C. C. Waughop
Jesse Moorman
C. A. Gardner
Donald C. Murphy
Paul & C. E. Ervin
Don Crawford
Assoc. of Commerce
Clyde McGee
W. A. Harris
Tubaugh Brothers (2)
Howard Mincks
Tony Sheston
Maurice Haney
Paul Howell (2)

Gerald - Pearl Brockus
Doyle Anderson
Floyd Crouch
Alfred Fobian
Leo C. Houser
Vincent Harris
John Starcevic
J. H. Foster, Jr.
Fred C. Edwards (2)
Robert D. Clark
William E. Carter
Dwight Caldwell
Sunshine Coal Co.
Vernie Stewart
Richard Burgher
Russell Kelley
Delwyn Brede &
Don Pettibone

Stanley Heavilin
Mrs. Ethel Allen
Quedor Probasco
Ronald McDanel
Bernard Swarts
Mrs. Versal Robb
S. D. Fenton
Chester Clinkenbeard
Hubert Morrow
Charles S. Cooper
Cam Hayes
Jesse J. Simmons
Homer Renwick
George Steele
William Spaur
Harold E. Sager

1959 CONSERVATION AWARD WINNERS

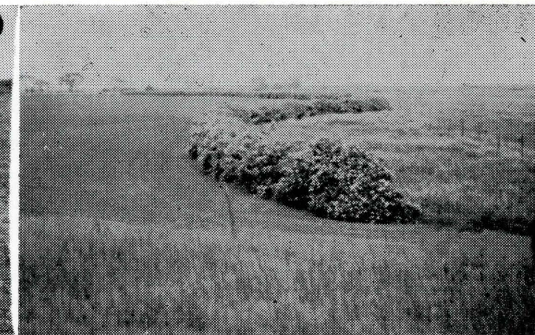
Clifford Walker
Floyd Dykes
Frank Daniels

Frank McCabe
Sigle Mikels
Wendell Oden

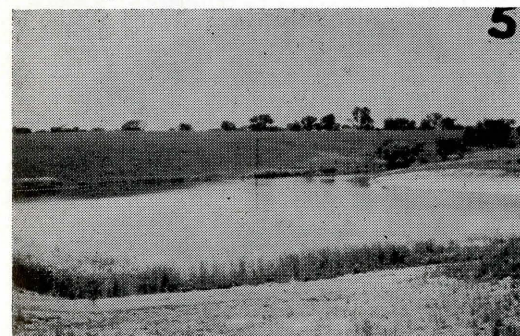
James McAninch
Everett Jones



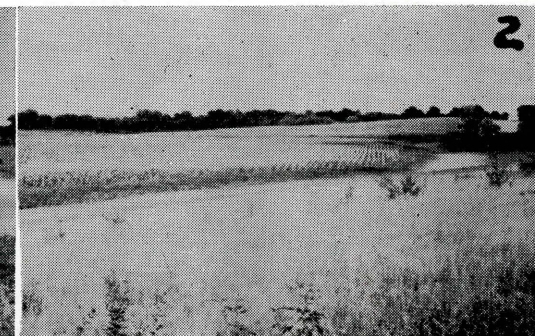
Leonard Wilson farm, Cooper Creek Watershed, southwest of Jerome. Part of good farm planning will involve clearing of potential cropland and making each acre carry its' end of the load. Clearing by bulldozer is more costly than aerial spraying if the brush area is very dense.



Glenn Bailey farm, Little Walnut Watershed, west of Mystic. The planting of multiflora rose on the contour provides a low-cost permanent fence which does not spread or take up excessive space or moisture. As a wildlife food and cover area it is one of the best obtainable.



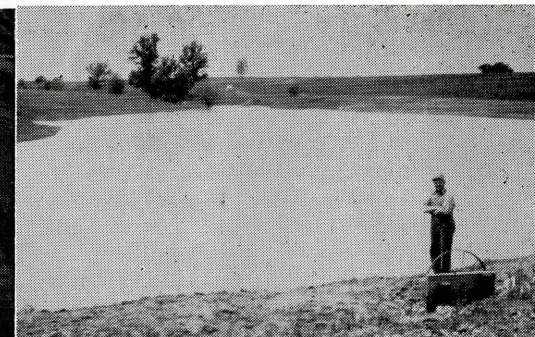
Kermit Kincaid farm, Cooper Creek Watershed, north of Centerville. A 24 inch drop-inlet gully control structure. The run-off rate from the 113 acres drainage area has been reduced 76%. Above the 3 1/4 acre pool the structure provides 18 1/2 acre feet of temporary storage.



Hub Strandberg farm, Cooper Creek Watershed, northeast of Centerville. Foothill diversion routes run-off from the steep hillsides away from the fertile bottomland where it had previously caused wet soil and poor crop yields.



Duane Watkins farm, Fabius Watershed, south of Moulton. Contouring is one of the major building blocks of a sound watershed program. Contouring is the indicator or "finger print" that a farmer can show that he is working towards saving the soil and slowing the water down on his crop fields.



Joe Gardner farm, Walnut City Watershed, north of Rathbun. 18 inch drop-inlet gully control run-off reduction structure. The run-off rate from the 85 acres of watershed is reduced 81%. Above the 2 acre permanent pool the structure is designed to carry 11 acre feet of temporary storage before the auxiliary spillway comes into use.

STATE OF IOWA AND DISTRICT FUNDS

Financial Report For 1959

STATE OF IOWA — 1A BUDGET

(For Commissioners mileage, meals, and hotel, office supplies, printing, prizes, demonstrations, and office expense.)

Cash on hand January 1, 1959	\$ 489.52
Fiscal year allocation from State Soil Conservation Committee July 1, 1959	500.00
	<u>\$ 989.52</u>

Expenditures:

Commissioners Mileage, Meals, Hotel	\$198.98
Office Supplies	35.39
Printing	100.00
Prizes for Contests	42.49
Material for Demonstration	3.55
Office Expense	273.81
Total Expenditures	<u>\$654.22</u>
Total Expenditures Deducted	\$ 654.22
Cash on hand January 1, 1960	<u>\$ 335.30</u>

STATE OF IOWA — 2A BUDGET

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

Cash on hand January 1, 1959	\$2,311.21
Additional allocation from State Committee June, 1959	5.34
Fiscal year allocation from State Soil Conservation Committee July 1, 1959	4,853.00
	<u>\$7,169.55</u>
State Clerk Salary*	\$2,561.71
State Aid Salary*	1,753.06
Technician Mileage	32.97
Total Expenditures	<u>\$4,347.74</u>
Total Expenditures Deducted	\$4,347.74
Cash on hand January 1, 1960	<u>\$2,821.81</u>

*Includes both employee and district share of IPERS, FOABT, and employees withholding tax.

APPANOOSE COUNTY SOIL CONSERVATION DISTRICT ACCOUNT

Cash on hand January 1, 1959	\$ 9,787.01
Accounts outstanding (for dozer work)	247.60
Debts outstanding January 1, 1959	<u>325.78</u>

Receipts

Cash on hand January 1, 1959	\$ 9,787.01
Cash receipts	140.75
Demonstration Farm receipts	634.00
Interest on account at Home Federal - 1958	26.25
Total cash receipts	<u>\$10,588.01</u>

Expenditures

Labor on Demonstration Farm	\$ 194.33
Taxes on Demonstration Farm (1958 Payable in 1959)	170.55
Recording Deed on Demonstration farm	1.50
Iowegian - Notice for bids on Dem. Farm	7.65
Iowegian - Subscription & Advertisements	36.00
Norris Implement Co. - Payment in full	297.71
Centerville National Bank - Lockbox	2.20
Soil Stewardship Booklets for Ministers	8.75
Moravia Union - 1958 Annual Report	58.75
Iowa Association of SCD Dues	100.00
National Association of SCD Dues	75.00
National Association of SCD-6 District Entering-Leaving Signs	75.00
Bruce Motor Freight - Freight charges on signs	6.86
Total Expenditures	<u>\$1,044.30</u>
Total Expenditures Deducted	\$ 1,044.30
Total Cash on hand January 1, 1960	<u>\$ 9,543.71</u>

Net Worth Statement

Cash on hand in bank January 1, 1960	\$ 543.71
Cash invested and interest on account at Home Federal, Des Moines, Iowa	9,315.00
Revolving Fund Balance	95.68
Shares - Bloomfield Experimental Farm	540.00
Demonstration Farm (contract sale price)	11,000.00
Terracer and Scoop (estimated value)	125.00
Total Assets	<u>\$21,619.39</u>
Total Liabilities Deducted	0.00
Estimated Net Worth	<u>*\$21,619.39</u>

* Does not include State of Iowa funds.

Conclusion

We are happy to submit the preceding report so that you may know the progress of the Appanoose County Soil Conservation District. During 1959 1,434 people came to the District Office for technical assistance or information concerning various soil and water conservation activities. Telephone calls were received from 714 farmers, contractors, other agencies, and businessmen.

Our special compliments go to the Centerville National Bank for the county maps they have distributed which are especially helpful to watershed chairmen, agricultural agencies, and others working with preliminary watershed development. We thank the Centerville Daily Iowegian, Moravia Union, and Moulton Tribune for their excellent news coverage of District activities and their cooperation in printing news articles on specific dates. The Appanoose County Farm Bureau and Centerville Chamber of Commerce are commended for their splendid promotion of the soil and water conservation program through the watershed approach. Thanks also to Leon (T Bone) McDonald for his inspiring speech at the Alfalfa banquet. Many farmers and businessmen were really impressed and a new era in soil and water conservation and watershed development is now under way in Appanoose County.

We wish to acknowledge the cooperation of the following groups and agencies in advancing our goal of good soil and water conservation in Appanoose County.

Farmers of Appanoose County
and their organizations
Soil Conservation Service
State Soil Conservation Committee
Iowa Association of Soil Conservation
Districts
National Association of Soil Conservation
Districts
Extension Service
Agriculture Stabilization and Conservation
Service
Farmers Home Administration
County Board of Supervisors
County Conservation Board
State Conservation Commission
Federal Fish and Wildlife Service
Local Town Councils
Local Vocational Agriculture Agents
Local Radio and Television Stations
Local Bank Representatives
Appanoose County Equipment Dealers
Appanoose County Businessmen
Appanoose County Soil and Water
Conservation Contractors

