

CHEROKEE COUNTY SOIL CONSERVATION DISTRICT 1982

**ANNUAL
REPORT**



LEND A HELPING HAND to CONSERVATION OF LAND

1982 District Activities

Officers elected for 1982 are: Mugge, chairman and Bindner, vice-chairman.

Awards dinner at Cattlemens II January 11th honoring commissioners, past commissioners, Mr. & Mrs. Harold Conley, windbreak winners and presentation of a memorial plaque in Duane Hollenbeck's memory to Mrs. Hollenbeck.

Bindner attended Short Course at Ames on Jan. 19 & 20.

IASCD and NACD due paid.

Tillage Day held February 2nd in Cherokee.

Joint contractors meeting (Cherokee & Plymouth) held Feb. 4, 1982 at LeMars.

Tri-State Tillage meeting on Feb. 17 & 18 at Sioux City.

Little Sioux Works Committee meeting at Anthon on Mar. 2nd.

Regional Commissioners meeting at LeMars March 4th.

Trees were distributed in April.

Mike Hosbein joined soil survey crew in April.

Outdoor classrooms were held May 3, 4, and 5.

Tillage Field Day held May 4th at Hoffman farm and on May 7th at George Slota's farm.

Bindner assisted with tour for Secretary Siegel May 10th.

Marc Cox Program judged. District winners were Virgil Pyle, Sally Corrington and Curtis Peterson. Progress winner was John and Brad Coburn, and Mr. & Mrs. Gerald Conley, Wildlife Habitat Award.

Clerk attended clerk's meeting in Des Moines July 6-8.

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(activities continued)

District's 1982 nominee for Outstanding Commissioner was Loren Schuett.

Bindner judged Marc Cox program at regional level.

Bindner staffed state fair booth on August 19, 1982.

Bindner appeared on program for Foreign Ag. Group at Sioux City on August 24th.

Regional meeting held at Remsen September 7th. Bindner was elected to serve as Director beginning in 1983.

Loren Schuett and Harold Droegmiller will serve on the County Land Use Committee.

Twenty six entries received in the District essay contest. District winners were Anita Meyer, First place and Everett Johnson, second place in the senior Division. Both are seniors at Meriden-Cleghorn School.

In November, Max Mugge was elected commissioner for six years and James Corrington for a two year term.

Commissioner Klaschen and Soil Conservationist Kestel attended the Little Sioux Works Committee meeting in Anthon on December 20th.

Dean Riemenschneider received District recognition in the Izaak Walton league of America contest for his windbreak.

ACCOMPLISHMENTS			
	10/1/81	-	9/30/82
District Cooperators	No.		36
Conservation Plans	Ac.		3,543
Plan Revisions	Ac.		210
Terraces	Ft.		160,325
Structures & Ponds	No.		2
Conservation Tillage (no-till)	Ac.		1,867
Contouring	Ac.		152
Farmsteads & Feedlot Windbreaks	Ac.		21

FINANCIAL REPORT

July 1, 1981 - June 30, 1982

1-M Budget Allocation		\$ 1,382.44	
Expenses:			
Commissioners Expenses	\$ 1,054.49		
Office Supplies & Office Expense	277.35		
Printing	50.60		
	<u>\$ 1,382.44</u>	<u>\$ 1,382.44</u>	
2-M Budget Allocation		\$ 13,737.00	
Clerical Salary, FICA			
IPERS, Travel, Equipment Expense	\$ 13,717.85		
Released to Dept. of Soil Conservation	19.15		
	<u>\$ 13,737.00</u>	<u>\$ 13,737.00</u>	
3-M Budgets			
80-81 Allocation		\$ 48,000.00	
Funds Paid Out	\$ 44,318.09		
Funds Released	3,681.91		
	<u>\$ 48,000.00</u>	<u>\$ 48,000.00</u>	
81-82 Allocation		\$ 27,489.00	
Funds Paid Out	\$ 14,215.74		
Funds Obligated	4,361.75		
Funds Unobligated	8,911.51		
	<u>\$ 27,489.00</u>	<u>\$ 27,489.00</u>	
District General Fund			
Balance on Hand 7/1/81		\$ 3,828.91	
Income		3,897.67	
Sub-total		<u>\$ 7,726.58</u>	
Expenses		4,073.63	
Balance on Hand 6/30/82		<u>\$ 3,652.95</u>	
District Watershed Maintenance Fund			
Balance on Hand 7/1/81		\$ 59,862.61	
Watershed Payments		200.50	
Interest		6,327.77	
Sub-total		<u>\$ 66,390.88</u>	
Expenses		1,048.48	
Balance on Hand 6/30/82		<u>\$ 65,342.40</u>	

SOILS

As of December 1982, the Cherokee County Soil Survey Party is on schedule and has mapped approximately 70,000 acres of the 366,720 acres in the county. The most concentrated mapping has been done in Marcus, Liberty and Spring Townships. Some additional mapping has been done in Amherst, Sheridan, and Cherokee Townships. Field work ended this fall in the first week of December because of frost.

This winter, time will be spent writing and assembling information on the soils of the county for the soil survey report. This report will contain all the information about the soils of Cherokee County and the soil maps showing the locations of the different soils. Soil series and map unit writeups are the main portions of the report that are being written. The soils series description is a technical description of an individual soil profile. It describes where on the landscape the soil is found, what material it formed in, what soils it is similar and adjacent to, and a detailed description of the soil horizons which include color texture, structure, pH, and the depths of the different horizons. The map unit writeup is non-technical and describes the soil in simple terms. It also describes the limitations of the soil and in most cases, how the limitations can be overcome.

The report in it's final form will be published in 1988. However, when mapping is completed in December of 1985, an interim report will be published and made available for use until the final report is available for distribution. Soils information in areas that have been surveyed, is available at the Soil Survey office or the Soil Conservation District office in Cherokee.

When soil mapping resumes this spring, the soil survey party will finish the mapping that was started this fall in the northeast part of the county. Then the mapping will shift to the townships of Tilden and Grand Meadow.

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Inquires concerning the soil of Cherokee County or questions pertaining to the soil survey can be answered by the soil survey party. Members of the party include Dale Ceolla, party leader; David Reeves and Michael Hosbein, soil scientists. They are located at the soil office in the basement of the Cherokee County Courthouse.

-Dale Ceolla, Party Leader, Soil Survey
Party

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Where Have All the Gentle Rains Gone?

The above question seemed to be the general way to describe the rains of the spring of 1982. Soil losses in Cherokee County were very heavy, running up to an estimated 15-20 tons per acre during just one rainfall on July 5, 1982. As a result of these rains and erosion, considerable interest in terracing has been shown.

In fact, if it were not for the wet fall conditions, fall of 1982 terrace construction could have resulted in a near record for fall construction. As it was, nearly 90,000 feet of terraces were constructed in the fall. There were times when construction was halted for a week at a time due to wet and rain soaked field conditions.

Even with terraces, the rains caused considerable soil movement between terraces. This brings out the need for more complete conservation resource management systems such as combining conservation tillage and terracing on the steeper slopes to bring soil losses to a reasonable level. This combination will keep soil in its place rather than causing expensive terrace maintenance costs and keep top soil out of road ditches and waterways.

Therefore, if it only seems to pour when it rains, a complete conservation management system will offer the protection needed to fit the occasion.

-Bernard Braband, District Conservationist

COMMISSIONERS

Max E. Mugge, Chairman	Cleghorn
Linda Bindner, Vice-chairman	Marcus
Bruce Klaschen, Member	Cherokee
Loren Schuett, Treasurer	Holstein
James R. Corrington, Member	Cherokee
Vere T. Corrington, Asst. Commissioner	Cherokee
Joe V. Dessel, Assistant Commissioner	Cherokee

FIELD OFFICE STAFF

Bernard Braband	District Conservationist
Jeff Kestel	Soil Conservationist
Monas Nixon	Conservation Technician
Dale Bugh	Part-time WAE Technician
Gladys Schroeder	Clerk, District Secretary

SOIL SURVEY STAFF

Dale Ceolla	Soil Scientist (Party Leader)
David Reeves	Soil Scientist
Mike Hosbein	Soil Scientist

AREA OFFICE STAFF

Wallis R. Tonsfeldt	Area Conservationist
Richard Hall	Area Engineer
Wayne Eberly	Techincian
Judith Rathel	Clerk
Margaret Walker	Clerk

IOWA CONSERVATION COMMISSION

Thomas Neal (stationed at Cherokee)	Wildlife Biologist
Joe Schwartz (stationed at LeMars)	District Forester

As commissioners of the Cherokee District, we are appreciative and grateful for the excellent cooperation and assistance given by so many individuals, organizations, agencies, businesses and news media for their continuing interest in furthering the conservation program in our county.

THANK YOU
CHEROKEE COUNTY SOIL CONSERVATION COMMISSIONERS

Max E. Mugge

Loren Schuett

Linda Bindner

Bruce Klaschen

James Corrington
