

1962

Twentieth Annual Report

CASS COUNTY SOIL CONSERVATION DISTRICT

Ia-SCD-27

Atlantic, Iowa.

1962

Atlantic, Iowa
Jan. 1963

Annual reports cont.

des Moines co - Burlington ✓
Sioux co - Orange city ✓
Warren co - Indianola ✓
Franklin co - Hampton ✓
Clarke co - Osceola ✓
Sac co - Sac city ✓
Lyon co - Rock Rapids ✓
Iowa co - Williamsburg ✓

1962 Annual reports

28
46
17
63

1 Greiner ✓

10 walt ✓

1 Office ✓

area 7-

Audubon ✓

Carroll ✓

Council Bluffs ✓

Denison ✓

Harlan ✓

Logan ✓

Oakland ✓

Greenfield ✓

Euthrie Center ✓

Extension Service.

L. B. Liddy ✓

B. B. Nickenlanger ✓

Jack Miller ✓

Ben Jensen ✓

Jae O'Hara ✓

Dr. J. D. Shaeman ✓

Leeta Kluever ✓

16 ASC Co-Committee

3 Township committee

17-Contractors ✓

5-Board of Supervisors

Fred Cherry ✓

Bryan Welch ✓

Donald Johnson ✓

M. Wayne Casey ✓

Dr. Floyd Andre ✓

Alfred Stewart ✓

Dean Kelley ✓

Everett Rice ✓

William Petros ✓

Eldon Hooey ✓

William Singley ✓

Wayne C. Mahr ✓

Harry Harak ✓

Lawrence Miksch ✓

Miller ✓

Montgomery ✓

Union ✓

Fremont ✓

Page ✓

Saylor ✓

Biggs ✓

Winnipeg ✓

Greene ✓

Boone ✓

Sullivan ✓

16-Extension Council

Robert Leach I alt. ✓

Lawrence Blunk 3 " ✓

Gail Harris 2 " ✓

Allen Miller Lewis ✓

Robert Symonds Cumberland ✓

Bruce Behrend Winta ✓

Vel Adams Anita ✓

Ted Lareen, Jr. I Atlantic ✓

Melvin Dossick Anita ✓

Lyle Harfeet Massena ✓

Barrell Fush I Cumberland ✓

Neal Smith Grinnell ✓

Harold Bellmer II Atlantic ✓

Gilbert Schauborn Winta ✓

Jack Platt Massena ✓

Keith Robinson 2-Atlantic ✓

Plymouth Co. Le Mars ✓

Adams " Larning ✓

Buena Vista " Storm Lake ✓

Jefferson " Fairfield ✓

Federal Land Bank-Harlan ✓

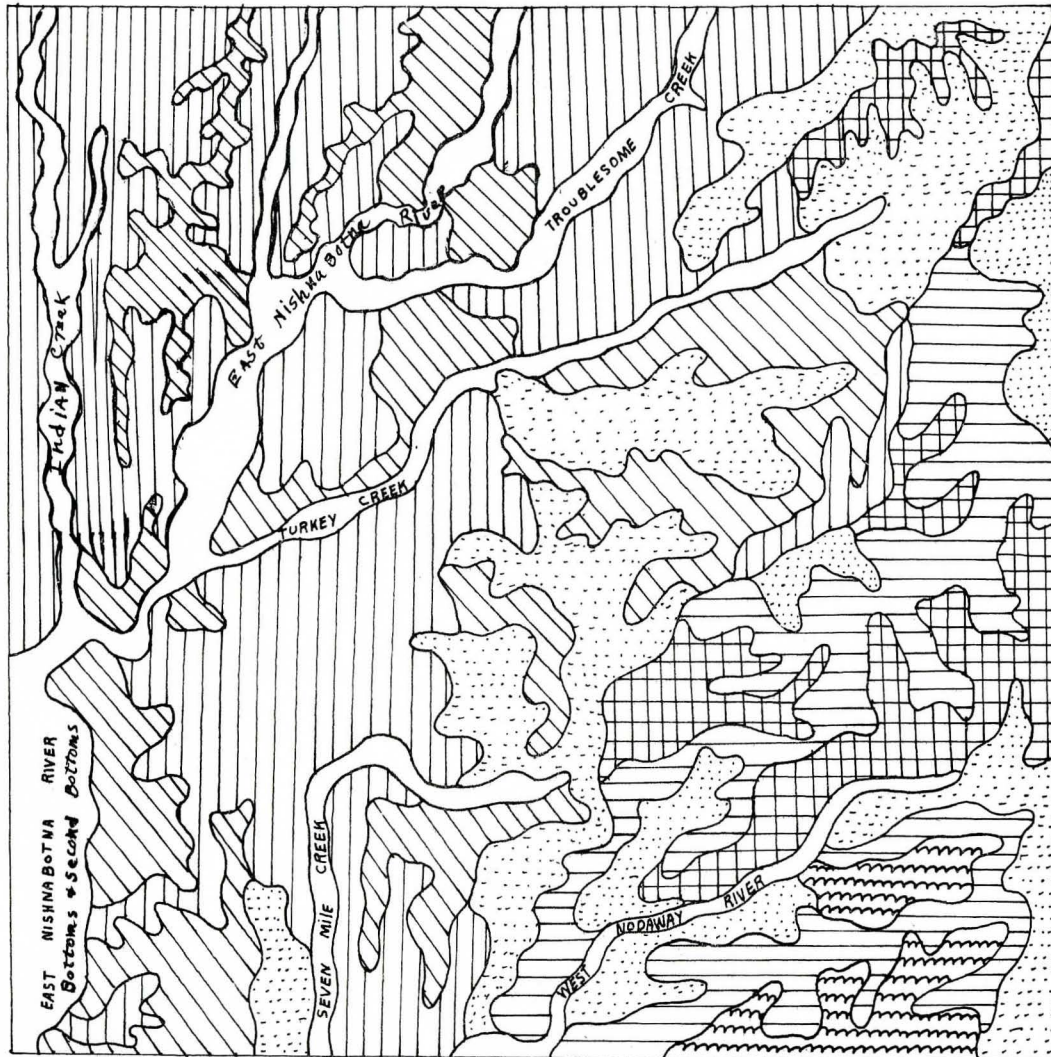
Gilbert Lacey ✓

Jae Lawton ✓

Carl Euker ✓

CASS

COUNTY LOOKS AHEAD



PREPARED BY CASS COUNTY SOIL CONSERVATION DISTRICT.

LEGEND

- | | | |
|---|--|----------------|
|  | Level to gently rolling Marshall | } Loess |
|  | Rolling to hilly Marshall | |
|  | Level to gently rolling Sharpsburg | } Loess |
|  | Rolling to hilly Sharpsburg --- Loess | |
|  | Rolling to steep Shelby | } Glacial Till |
|  | Rolling to steep Adair | |
|  | Nearly level soils of bottom land and second bottoms | } Alluvial |

The seven land capability classes in Cass County are briefly defined as follows:

Suited for cultivation

CLASS I LAND HAS FEW OR NO LIMITATIONS that restrict its use. It is nearly level, deep, easy to work and takes in and holds water well. Its soils are suited to a wide range of plants.

CLASS II HAS FEW LIMITATIONS that reduce the choice of plants it can produce or that call for moderate and easy-to-apply conservation practices.

CLASS III LAND HAS MORE SERIOUS OR MORE NUMEROUS LIMITATIONS than Class II. These limitations may be natural ones, such as steep slope, sandy or shallow soil, or too little or too much water. Or the limitation may be erosion caused by the way the land has been used in the past.

CLASS IV LAND IS STILL MORE RESTRICTED IN USE, and the choice of plants it can grow more limited. If cultivated, very careful management is required and conservation practices must be intensively applied.

Not Suited for cultivation

CLASS V HAS LITTLE OR NO EROSION HAZARD but has other limitations impractical to remove which limit its use largely to grass, woodland, or wildlife food and cover. It is nearly level. But some is wet and cannot be drained. Some is frequently overflowed by streams. Some is stony. Some has climatic limitations.

CLASS VI LAND IS GENERALLY UNSUITED FOR CULTIVATION. Its use is limited to grass, woodland, and wildlife food and cover. Its soils have continuing limitations such as steep slope, severe erosion hazard, effects of past erosion, stoniness shallow rooting zone, excessive wetness or overflow, or low moisture capacity.

CLASS VII LAND IS NOT ONLY UNSUITED FOR CULTIVATION but also requires careful management when used for grass or trees. Restrictions are more severe than those in Class VI because of one or more continuing limitations. It can be used for grass, woodland, wildlife food and cover, or some combination of these.

SOIL CONSERVATION OBJECTIVE

The basic physical objective of Soil Conservation activities shall be the use of each acre of agricultural land within its capabilities and the treatment of each acre of agricultural land in accordance with its needs for protection and improvement.

LAND USE BY CAPABILITY CLASSES IN CASS COUNTY IOWA

Land Class		Cropland Acres	Pasture Acres	Woodland Acres	Other Acres	Urban Acres	Total Acres	Percent of County
I	Present Use (1958)	9,073	85	0	254		9,412	2.6
	Future use (1975)	9,038	85	0	254	35		
II	Present Use	98,748	33,364	466	2,219	0	134,797	37.7
	Future Use	115,459	16,447	137	2,454	300		
III	Present Use	124,342	13,575	19	2,122		140,058	39.2
	Future Use	128,865	8,762	19	2,122	290		
IV	Present Use	28,849	5,932	24	290		35,095	9.5
	Future Use	28,749	5,858	24	314	150		
V	Present Use	80	2,900	0	10		2,990	0.8
	Future Use	580	2,400	0	10			
VI	Present Use	13,876	9,365	160	198		23,599	6.6
	Future Use	0	22,966	160	398	75		
VII	Present Use	1,700	52	0			1,752	0.5
	Future Use		1,687	0	50	15		
	Present Use (Total)	276,668	65,273	669	5,093	0	347,703	
	Future Use (Total)	282,691	58,205	340	5,602	865	347,703	
	Urban Areas and Water						9,964	2.8
	Total land in Cass County						357,667	

CASS COUNTY SOIL CONSERVATION NEEDS AND GOALS

	Unit	Accomplished 1962	Now on the land 1962	Total long time need	Goal to be accomplished 1975	1963 Annual Goal
District cooperators	No.	47	1170	1756	1756	50
Farm Plans	No.	41	979	1756	1448	45
Revised Plans	No.	0	5	200	65	5
Contour	Ac.	541	84782	266000	203358	5000
Terrace	Mi.	25	1116	6500	2000	50
Waterway	Ac.	54	1584	9161	7361	60
Structures	No.	1	145	500	230	4
Ponds	No.	1	48	200	80	5
Tile	Mi.	72	355	1181	547	50
Open drain	Mi.	3	67	372	203	5
Pasture renovation	Ac.	0	478	34,323	13,547	500
Pasture Planting	Ac.	0	1281	15,325	6,324	250
Woodland improvement	Ac.	0	50	338	200	5
Woodland planting	Ac.	2	2	100	30	5
Fence row improvement	Rds.	0	10090	40000	20000	900
Hedgerow planting	Rds.	0	8435	33440	20100	500
Wildlife area improv.	Ac.	0	134	500	270	20

COMMISSIONERS ACTIVITIES

JANUARY

Commissioners held their regular monthly meeting on January 2nd. and also attended a Dinner Meeting of the Rotary Club on Jan. 30th. followed by the Commissioners meeting for February.

FEBRUARY

District Commissioners attended the hearing called by the Army Engineers on the Nishna Watershed.

The Annual Meeting and Banquet was held on Friday, Feb. 2nd. at the Atlantic Methodist Church with 190 in attendance. Dutch Sylvester was the main speaker.

MARCH

District Commissioners, Soil Conservation Service, Extension Service personnel and the District Clerk attended the Regional Meeting at Corning on March 14th.

APRIL - MAY - JUNE

The Commissioners were very busy during these three months appointing Committees, making plans and arrangements for the Fall Field Day.

JULY

District Commissioners, Soil Conservation Work Unit Conservationist and Extension Director judged the Register and Tribune contest on July 10th, attended a Regional meeting in Bedford on the 26th. and held a Field Day meeting on the 30th.

AUGUST

The Queen of Conservation Contest was held at the 4-H and F.F.A. Fair on August 7th. One of our contestants won the Regional contest and was a contestant in the State Contest.

Max H. Miller was elected a Commissioner for a 6 year term to replace Carl Keller. The election was held at the Districts booth at the 4-H and F.F. A. Fair.

SEPTEMBER

September 13th. arrived clear and warm and made an ideal setting for the State Field Day and plowing matches. A crowd estimated at 15,000 attended and viewed conservation work in progress from numerous wagon trains which conveyed the people to the various sites of activity. Conservation practices were viewed on 5 farms, 2 miles Southwest of Atlantic.

An outdoor classroom attracted some 2200 school children from schools all over Southwest Iowa.

The afternoon program featured a talk by Senator Bourke B. Hickenlooper of Iowa. Present also were Governor Erbe; Senator Shoeman and Representative Kluever of this District. Clarice Campbell, State Queen of Conservation, reigned over the days activities.

SEPT. Con't.

Commissioners attended the Annual Conference of District Commissioners held in Sioux City, September 16, 17 and 18th.

OCTOBER

October saw all the details of the Field Day taken care of, bills paid, etc. and heavy layout of practices began as farmers began the harvest which resulted in another bumper crop for this area.

NOVEMBER

A representative of the State Committee audited the records on November 13th. and found everything in fine shape.

The District Commissioners attended the ASCS meeting Nov. 26th. at Red Oak.

DECEMBER

The District Commissioners had a dinner meeting with Representative Lester Kluever and Senator J. D. Shoeman.

Regular monthly meetings of the Commissioners were held each month throughout the year.

FINANCIAL REPORT

1-M Budget

Allocation		\$ 500.00
Commissioners mileage	\$ 294.29	
Office supplies	7.00	
Rental of meeting halls	6.40	
Materials for demonstrations	2.93	
Office expense	69.32	
Meeting expenses	30.00	
	409.94	
Balance carried fwd. to 1963	90.06	
	\$ 500.00	

2-M Budget

Clerical and Technical salaries	\$ 5609.90
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