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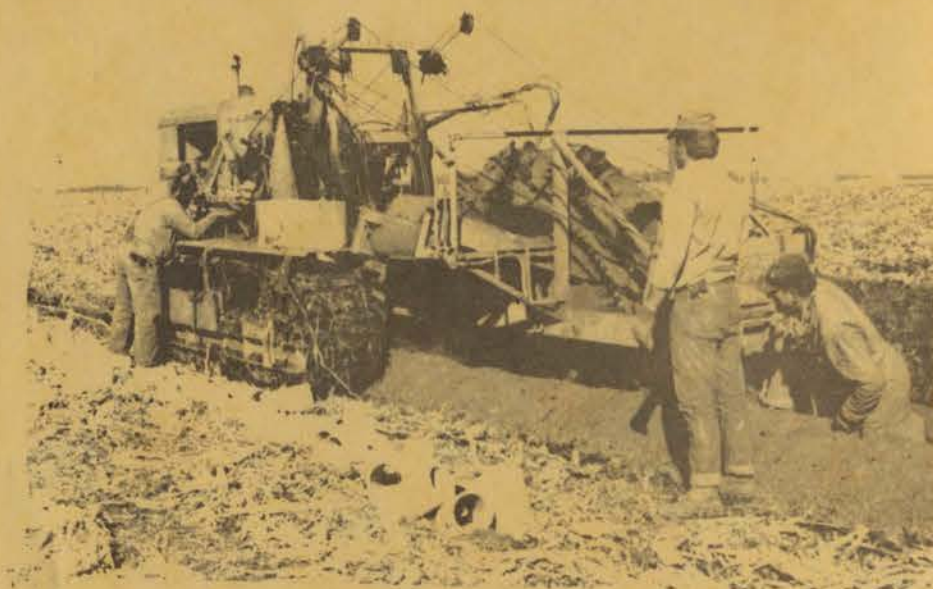
**KOSSUTH COUNTY
SOIL CONSERVATION
DISTRICT**

**Annual Report
Iowa — 1971**

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DISTRICT COMMISSIONERS

L. to R. - Wendell Christensen, Jim Antoine, Karen Bierstedt
Claude Seely-Chairman

Inserts - L. - Julius Baas, R. - John Ley (CED) Secy.

APPRECIATION

The Commissioners wish to express their appreciation for all of the cooperation that they have received from all of the people in Kossuth County.

They are especially indebted to Lyle R. Riedinger, District Conservationist, for leadership in broad land-use planning; to Marvin Lundstedt, Soil Conservationist, for the latest technical knowledge on conservation; to Loren B. Bishop, Soil Conservation Technician, for his dedication to the job of establishing terraces; to Ted Oswald, State Aide, for his attention to the administrative details; and, to Carolyn Johnson for service to the staff and public as district clerk.

Credit is due John Ley for an outstanding job of carrying on the conservation education program through the Extension Service. Curtis P. Haahr and the ASCS County Committee are to be commended for putting high priority conservation practices in their proper perspective.

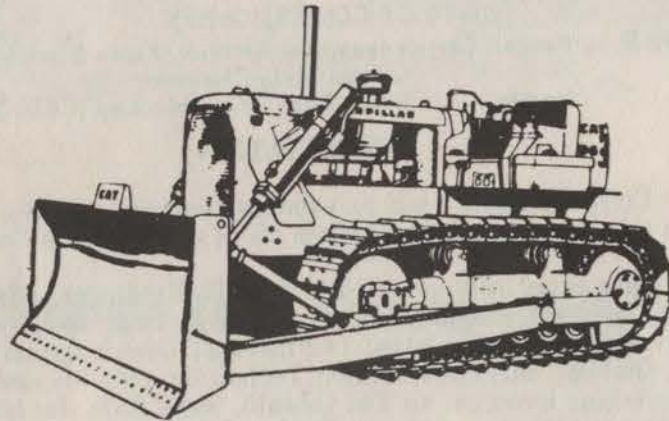
Vocational Agriculture instructors, Berlin Mathews, Daniel Spotts, Clifford Van Berkum, and Neil Ubben, have incorporated conservation into their regular curriculum.

We would like to also express our appreciation to the County Board of Supervisors, County Conference Board, County Assessor, County Extension Council, and all others that have supported the conservation movement.

We appreciate the support of the advertisers in this report and of the contractors who have worked with the SCS staff and cooperators in helping put conservation on the land.

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SCS STAFF



L. to R. - State Aide, TED OSWALD
Conservation Technician, LOREN BISHOP
Soil Conservationist, MARVIN LUNDSTEDT
District Conservationist, LYLE RIEDINGER



District Clerk, CAROLYN JOHNSON



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Algona, Iowa

DISTRICT ACCOMPLISHMENTS

The Commissioners list as a significant accomplishment the addition of a full-time state conservation technician to the staff. This was made possible through the establishment of the position by the State Soil Conservation Committee.

The Commissioners appeared before the State Soil Conservation Committee in Des Moines, representing the conservation interests of Kossuth County people.

Three new commissioners were elected this year. James F. Antoine was elected to a six-year term; W. C. Christensen was named for a four-year term; and Karen Bierstedt, the first woman Kossuth County Commissioner, was elected by the voters to a two-year term.

Marvin Lundstedt a 1971 graduate of Iowa State University, was appointed by the State Conservationist of SCS to receive training in the Kossuth District this year. After completing a curriculum in Agronomy, he joined the staff in July.

Examples of the conservation education program in the district include a talk by Marvin Lundstedt to the Ledyard 8th grade Science class, an overview of conservation by Lyle Riedinger to the 8th grade Exploratory Agriculture class at Swea City, SCS-staff-conducted field trips to the Stinson Prairie with the Algona Biology classes, school bus tours of soils conducted by the SCS for the 6th grade Algona Science classes, and a soils field trip for the newly-created Sentral Vocational Agriculture class. An in-depth study of soils and conservation was conducted by the Algona High School Vocational Agriculture sophomores. Five students of this group selected special projects on individualized studying to synthesize plans for their own units.

A Cub Scout den toured the office.

An electric typewriter and overhead projector were purchased by the district.

Local slides on Crown Vetch and other conservation practices were produced by the staff. Transparencies for the use of teaching conservation were produced.

The terraces in the district are being designed for the maximum convenience for the farmer. They are being built without point rows and parallel to the fence if possible.

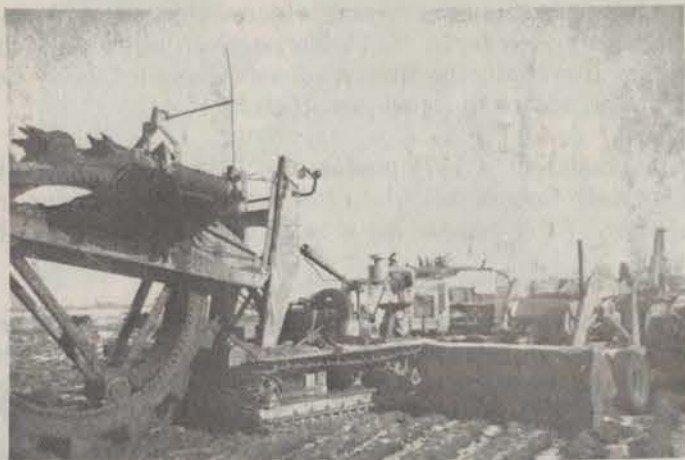
The staff and district have cooperated with planning for the Algona Industrial Development Corporation, Algona City Planning and Zoning Commission, and soil suitability and conservation needs for three new commercial buildings.

The SCS staff conducts weekly radio programs on KLGA.

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Rural Route

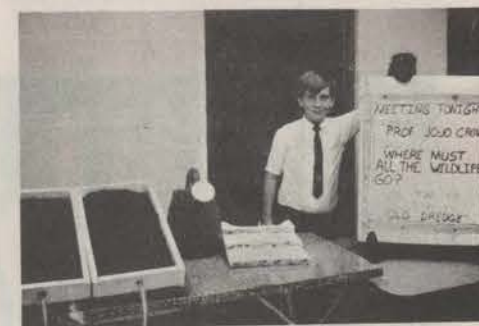
Titonka, Iowa



On Dec. 1, five boys from the Algona H.S. Vocational Agriculture class attended a Commissioners meeting discussing the possibility of forming a conservation plan on their farms or on farms where they work. From the center of the picture to the right is Mike Devine, who is making a conservation plan for his farm; Kirk Vitzthum, who is making a summary of windbreaks; Les Erickson, Mark Taylor, & Randy Mains. The latter 3 are making conservation plans.



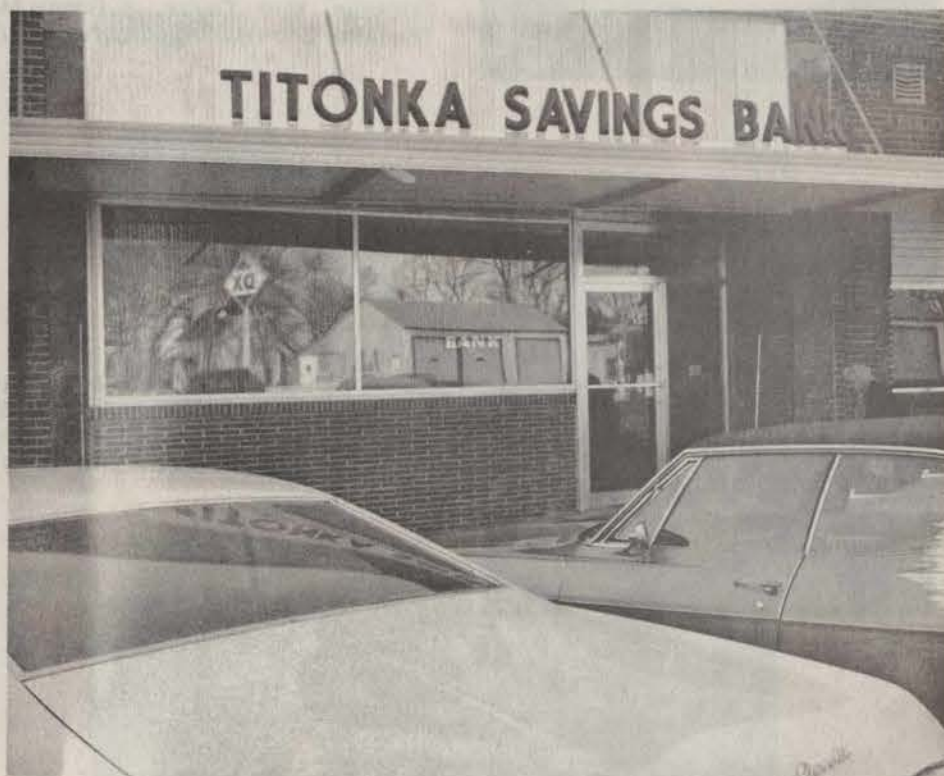
In the spring of 1971 the Swea City Boy Scouts planted a windbreak. The Scouts put in two rows of Dogwood, Caragana, and Autumn Olive, totaling 500 plants.



Larry Wertjes presented his County Fair 4-H demonstration on conservation at the August Commissioners meeting. Larry's demonstration showed the difference in erosion when a terrace is built, compared to farming up and down a hill.

If contour farming can cut soil erosion in half, think what a terrace can do.

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Winners of the 1971 Iowa Soil Conservation Achievement awards contest for Kossuth County were honored at an informal luncheon with the district commissioners in Algona on Dec. 22.

The contest involves district cooperators in three divisions. The Division I winner, owner and operator of the farm, was John C. Nyman of Bancroft.



Division II is an owner-tenant relationship. Mrs. Marie Penton, owner, and Edward Arend, operator, both of rural Algona, received the award in this division. Arend was unavailable for the picture.



Phil Barnhard of Bancroft received the award in Division III of new cooperator.

The winning farms are selected on the basis of correct land use & land conversions, conservation work accomplished & completeness of treatment, crop utilization on the farm, and community service in the Soil Conservation District program.

FINANCIAL STATEMENT
July 1, 1970 thru June 30, 1971

1-M and 1-MA Accounts

1-M Budget Allocation	\$500.00	
Carry-over from 1969-70 Fiscal Year	0.16	
Total 1-M Allocation		\$500.16

Additional 1-M Allocation	100.00	
Carry-over from 1969-70 Fiscal Year	1.15	
Total 1-MA Allocation		101.15

TOTAL ALLOCATION \$601.31

EXPENSES

Commissioners' Expense	149.70	
Office Supplies	244.39	
Printing	0.00	
Prizes for Contests	0.00	
Rental for Meeting Halls	6.00	
Materials for Demonstration	100.17	
Office Expense	97.27	
Meeting Expenses	3.33	
Total Expenses		\$600.86
Returned to State Committee		0.45
TOTAL EXPENDED		\$601.31

2-M ACCOUNT

2-M Budget Allocation		\$5694.00
Expenses:		
Salaries	4036.26	
Travel	5.08	
State Retirement	126.27	
Social Security	201.94	
Equipment	0.00	
Total Expenses		4369.55
Returned to State Committee		1324.25
Total Expended		\$5694.00

CONSERVATION ACCOMPLISHMENTS

(For the year ending 6-30-71)

District Cooperators	52	Number
Recipients of Technical Assistance	257	Number
Technical Services	362	Number
Recipients Applying Practices	122	Number
Conservation Plans Prepared	45	Number
Conservation Plans Revised	10	Number
Resource Plans Prepared	3	Number
Land Use Regulations	1	Number
Group Plans Prepared	3	Number
Groups Assisted	8	Number
Services to Groups	15	Number
Referrals Serviced	180	Number
Conservation Cropping System	7,554	Acres
Crop Residue Management	7,601	Acres
Farmstead Feedlot Windbreak	14	Acres
Grassed Waterway	2	Acres
Minimum Tillage	917	Acres
Pasture & Hayland Planting	8	Acres
Recreation Area Stabilization	11	Acres
Drainage Field Ditch	800	Feet
Terraces Parallel	25,425	Feet
Drainage Tile	238,068	Feet
Land Adequately Treated	2,874	Acres
Cropland to Grassland	3	Acres
Cropland to Woodland	7	Acres
Cropland to Other	1	Acre

DISTRICT FUND

EXPENDITURES:

Printing	\$ 277.30	
State & National dues	250.00	
Seedlings	1416.53	
Education	139.82	
Materials	96.80	
Photo Supplies	316.08	
Postage	233.20	
Office Supplies	481.66	
Office Equipment	484.94	
Awards Banquet	15.45	
Miscellaneous	367.96	
Total Expenditures	\$4079.74	
Beginning Balance	\$2465.84	
Deposits	3527.44	
Total		\$5993.28
Transfer to Reserve	\$1700.00	
Expenses	4079.74	
Total		5779.74
Balance		

213.54

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Price List:

DECIDUOUS TREES & SHRUBS

	SIZE	Minimum of 10	PRICE
Zabelli Honeysuckle	12-18"		\$3.00
Zabelli Honeysuckle	18-24"	"	\$4.00
Ash	2-3'	"	\$4.00
Ash	3-4'	"	\$5.00
Robusta Poplar	2-3'	"	\$3.00
Robusta Poplar	3-4'	"	\$4.00
Silver Maple	2-3'	"	\$3.00

Above listings to be bought in quantities of 10, 25, 50, 100 & up.

POTTED CONCOLORS (in one-gallon containers)

Black Hill Spruce

Potted plants are all 12-15"
above containers.

Colorado Spruce

Price/plant - \$3.10

Eastern Cedar Pine

SPECIAL on Austrian Pine (10-15" and potted)

Price/plant - \$2.50

If you have ordered some trees and find little time to plant them, a possible source of planting would be to contact the FFA students at the Swea City, Titonka, Algona, or Sentral High Schools.

CONSERVATION PLANNING FOR A FARMSTEAD WINDBREAK

Windbreak Detail	Spacing		Plants*	
	Between Rows	Between Plants	Species	Number
✕✕✕✕✕✕	↑			
1 ✕✕✕✕	16'	12'	ASH	48
2 ✕✕✕✕	16'	4'	HONEYSUCKLE	124
3 ✕✕✕✕	8'	4'	HONEYSUCKLE	120
4	16'	16'	CONCOLOR FIR	30
5	16'	16'	CONCOLOR FIR	30
6	16'	16'	CONCOLOR FIR	30
7	16'	16'	CONCOLOR FIR	30

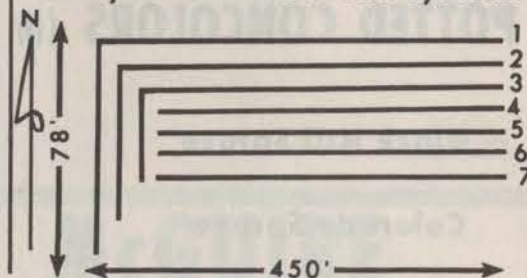
*Evergreens must be transplants or better.

Wire used in fencing must be new & posts not over one rod apart.
Weed control must be carried out.

Practice units needed;

(1) Rods Fence	
(2) Number Trees	168
(3) Number Shrubs	244
(4) Acres Land Preparation	
(5) Acres Windbreak Improvement	

Map showing location
& layout of windbreak system.



Shown in part is an actual plan for a farmstead windbreak in our district. To receive cost-share the farmer must follow the plan made by SCS. The picture is the result of the plan; the stand of trees and shrubs was put in, in the spring of 1970.



The minimum requirement of any windbreak is two rows of trees plus one row of additional shrubs. Evergreens are preferred for tree rows in the windbreak, but broadleaf trees should be used where soil-site conditions indicate they are more suited to the local conditions.

As a general rule, when trees are planted at the close spacing within the row (12'), the distance between rows should be 16' or more. Within row spacing may be as close as 6' with spacing between rows at 20'.



The purpose of a windbreak is:

1. Provide wind protection.
2. Control snow deposition.
3. Improve rural landscape.
4. Supply cover & food for wildlife.
5. Supply shelter for livestock.



To provide maximum control of snow deposition, it is best to plant the first row of shrubs 200' from the trees so snow collects between the shrubs and the trees.



The main role of a soil conservation district is to encourage and help decision makers to make and carry out conservation plans.

If you want this kind of help, you should see your district governing body. The Kossuth County Soil Conservation District has five district commissioners; Claude Seely, W. C. Christensen, James F. Antoine, Karen Bierstedt, and Julius Baas. You also can come in to the SCS office and talk to the personnel there. We will ask you to sign a farmer-district cooperative agreement because soil conservation districts furnish help only to those who request it and are interested in carrying on a conservation program.

Currently the Soil Conservation Service is helping more than two million land users who are cooperators with the Nation's more than 3,000 conservation districts. The help we have to offer you includes:

1. A soils and land capability map of the land unit.
2. Information about the different safe uses and adapted crops for each kind of soil.
3. Information about conservation measures needed for each of the different safe uses.
4. On-site assistance to the individual in making a conservation plan for his land unit.
5. Technical assistance in designing, laying out, and checking the construction and maintenance of dams, terraces, or other structures; in selecting plant varieties, seeding methods and rates, and cultural technical practices to establish grass or trees as planned; and in solving problems that arise in managing pastures, woodlands, or wildlife habitat.

The SCS gives facts about soil and water conservation to educational and other public & private agencies, institutions, and organizations, and to writers and publishers.

In these and other ways your Soil Conservation District applies the skills, knowledge and experience of its scientists and technicians to the task of promoting the efficient use of soil and water conservation.



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