

**A N N U A L  
R E P O R T**

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**Kossuth County  
Soil Conservation District**

1951

ANNUAL REPORT

KOSSUTH COUNTY SOIL CONSERVATION DISTRICT

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SUMMARY

The District completed 44 new conservation farm plans during 1951 which brought the total to 135 plans covering 27,288 acres in the period 1948-1951; 114 new applications were on file at the end of the year.

Coordinated work with the PMA, SCS, F.H.A. and Extension progressed effectively. Personnel was moved to one office. A county Agricultural Resource Committee was formed and a long range "Conservation Program Report" was prepared.

An annual meeting, a Harvest Sunday Service, as well as group gatherings were held, and a Cooperators Club was founded. Soil Conservation District signs are being displayed by cooperators.

The District worked closely with the educational programs of the Vocational Agricultural classes of the public schools and the program of the county rural schools.

## FOREWORD

To the farmers and all who are interested in the land of Kossuth County:

It has now been five years since the Kossuth County Soil Conservation District was organized. The progress has not been as rapid as some of us would have liked to have seen, but we do feel that considerable headway has been made.

All movements that have lasting value progress slowly. There is much to be done in an educational way to make people conscious of the fact that soil, like all other good things, is not inexhaustible. It must be replenished with the plant food elements.

Approximately one-seventh of the Iowa farms are operating under some farm plan worked out by one of the Soil Conservation Service technicians; in round number 5,000,000 acres. In Kossuth County we have 27,288 acres under a farm plan. In the U.S., as a whole, we have about one-fifth of the area under a soil conservation plan to date.

Here in Kossuth County, we feel, we are progressing as fast as we can with the limited help and means at our disposal. Soil Conservation is one movement that all groups in our society are interested in. Everyone must eat to live. Eroded land means eroded people.

We are looking forward to 1952 as the best year yet in our soil conservation efforts.

COMMISSIONERS, KOSSUTH COUNTY  
SOIL CONSERVATION DISTRICT

J. C. Skow, Chairman  
T. E. Lagerstrom  
Jerry Heetland  
A. L. Brown, Secretary

## SOIL CONSERVATION APPLIED TO THE FARMS OF KOSSUTH COUNTY

## UNITED STATES SOIL CONSERVATION SERVICE

Leon H. Laird, Farm Planner

The Soil Conservation Service joined hands with the District in April, 1948. At that time, plans of work and policies of operation had to be worked out between the organizations. Each had to acquaint itself with the other's operational procedures.

The policies of the governing body had to be coordinated with the planning procedures of the SCS. When the work plan was accomplished the technician acquainted himself with general conditions and problems in the District. Then contacts were made to get the active work started.

The technician, in following out the District policy of working with groups, immediately started the group organizing procedure. This policy has proved to be very beneficial to farmers and for efficient utilization of technical time.

Interest meetings are held throughout the District to inform the people of the technical services available to assist them in better land use. From these meetings, requests are submitted for District consideration in formulating groups for planning.

Planning meetings are scheduled with the various groups to explain the phases that must be considered for proper use. To date 18 such groups have been set up. More are in the making.

## First planning meeting:

When a land capability map has been completed for each farm in the group, a meeting or tour is conducted by a SCS technician to acquaint the farmer with soil types and problems concerned.

## Second planning meeting:

Land use and rotations are discussed to acquaint the farmer with the needs of the land for stable returns.

## Third planning meeting:

Land treatments along with conservation practices are discussed to acquaint the farmer with the need for fertilizers and lime together with practices needed to protect the land from destruction.

After this series of meetings is completed a date is scheduled with each individual to go over his farm and develop with him a plan of conservation operations.

In the plan is included a copy of the capability map, the land use map showing field boundaries and other features to facilitate conservation, a legend for these maps, rotations, the basic factor in

conserving the land is a most important part of the plan. The rotation must include a percentage of grass and legume meadow according to the needs of the land. The grass-legume meadow serves to maintain soil fertility and organic matter.

Follow-up work with District cooperators has shown that definite progress is being made in getting practices applied at a reasonable rate. This is getting conservation on the land which is the goal of the District and the United States Soil Conservation Service.

#### DISTRICT ACCOMPLISHMENTS

44 completed farm plans in 1951  
To date total: 135

#### PRACTICES PLANNED AND APPLIED ON COOPERATING FARMS

| Practices            | Unit     | Planned<br>1951 | Planned<br>To Date | Applied<br>1951 | Applied<br>To Date |
|----------------------|----------|-----------------|--------------------|-----------------|--------------------|
| Contouring           | Acres    | 188             | 671                | 122             | 372                |
| Pasture Improvement  | Acres    | 61              | 363                | 10              | 21                 |
| Farm Drainage        | Acres    | 242             | 1,214              | 30              | 131                |
| Closed Drains        | Lin. Ft. | 82,100          | 161,230            | 8,530           | 21,524             |
| Crop Rotations       | Acres    | 7,049           | 21,618             | 3,653           | 8,320              |
| Field Reorganization | Acres    | 5,942           | 14,127             | 3,778           | 9,796              |
| Green Manure Crops   | Acres    | 3,302           | 6,470              | 455             | 571                |
| Waterways & Outlets  | Miles    | 2.34            | 12.20              | .14             | 5.99               |
| Terracing            | Miles    | .17             | .17                | .17             | .17                |

#### ACCOMPLISHMENTS IN COOPERATION WITH THE PMA

##### Agricultural Conservation Program Surveys

|               |          |       |
|---------------|----------|-------|
| Closed Drains | Lin. Ft. | 9,280 |
| Farm Drainage | Acres    | 39    |

##### Agricultural Conservation Program Certification

|               |          |         |
|---------------|----------|---------|
| Closed Drains | Lin. Ft. | 120,916 |
| Farm Drainage | Acres    | 405     |

NEW DEVELOPMENTS  
IN THE  
KOSSUTH SOIL CONSERVATION DISTRICT

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COORDINATION OF AGENCIES:

The Secretary of the United States Department of Agriculture, Charles F. Brannan, issued on February 15th, 1951 the memorandum No. 1278 directing the coordination of the Department's Agricultural Resource Conservation Services. The principal purpose of this directive is to: "increase administrative effectiveness and economy, and accelerate the rate of accomplishment of the department's conservation program" -- on the national, state and county level.

In accordance with the objectives of this memorandum the Kossuth County PMA committee, the Soil Conservation Service in this county have now joint responsibility for forming policies relating to the agricultural conservation program of the PMA, working with the governing body of the Kossuth Soil Conservation District the county agent and the supervisor of the Farmers Home Administration. In carrying out these coordinated efforts the personnel of the Soil Conservation Service in Kossuth County is charged specifically with the responsibility of directing the technical phases of the permanent type soil conservation practices (tiling, waterways, contouring, etc.) on the land within the county.

RESULTS OF COORDINATED WORK.

Representatives of your Soil Conservation District, the SCS and the PMA have held joint meetings and consultations. Your commissioners are happy to report that the work in the interest of the conservation program has been carried forward effectively by these coordinated efforts.

ONE COUNTY OFFICE

In order to facilitate this coordinated work, and in the interest of economy as well as for the convenience of the public, the personnel of the Soil Conservation Service and that of the PMA were moved to one office, now located at 24½ State St., Algona, Iowa.

## AGRICULTURAL RESOURCE CONSERVATION COMMITTEE

This committee was organized and is composed of:

| <u>AGENCY</u>                         | <u>REPRESENTATIVES</u> |                           |
|---------------------------------------|------------------------|---------------------------|
| Production & Marketing Administration | Herman Studer          | Chairman County Committee |
|                                       | Andrew Fangman         | Member                    |
|                                       | Julius Bollig          | Member                    |
| Soil Conservation Service             | Leon Laird             | County Conservationist    |
| Extension Service                     | A. L. Brown            | County Extension Director |
| Farmers Home Administration           | Robert Walters         | District Supervisor       |
| Kossuth Soil Conservation District    | J. C. Skow             | District Chairman         |
|                                       | T. E. Lagerstrom       | County Commissioner       |
|                                       | Jerry Heetland         | County Commissioner       |

This committee prepared a 10 page detailed report on a long range conservation program with the following principal objectives for the land of Kossuth County:

"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."

### FARMER-DISTRICT COOPERATIVE AGREEMENT

The District is now prepared to sign with farmers of this county cooperative agreements which cover the establishment of one single or several selected conservation practices on a given farm provided that the farmer has the expressed intent to bring the entire farm eventually under a conservation plan.

Your commissioners elected to use this additional form of agreement in order to make available the services of the conservation district to a wider group of farms.

### COOPERATORS CLUB.

A club composed of Cooperators with conservation plans on their land was founded during the year. A membership fee of five dollars is paid by each member in support of the Iowa State and the National Soil Conservation Associations as well as their own club activities. Each member receives a 16 by 24 inch attractive sign to let the folks know that he is a Kossuth County Soil Conservation District Cooperator.

The activities of this club have just begun. It is your commissioners hope that the members of this club will take an active part in carrying forward the conservation goals of this county and that they will participate in the formulation of district programs.

## COOPERATORS IN THE KOSSUTH COUNTY

### SOIL CONSERVATION DISTRICT

| OWNER                              | OPERATOR                     | TOWNSHIP   |
|------------------------------------|------------------------------|------------|
| Marks, F. M. -----                 | Will, Fred -----             | LuVerne    |
| Fritzemeier, F. C. -----           | Will, G. M. -----            | LuVerne    |
| Will, Frederick -----              | Same -----                   | LuVerne    |
| Sorenson, Charles -----            | Same -----                   | LuVerne    |
| Ehler, Harris W. -----             | Sorensen, Chas. -----        | LuVerne    |
| Chambers, Earl R. -----            | Same -----                   | LuVerne    |
| Grimsehl, Geo. F. -----            | Same -----                   | LuVerne    |
| Fett, F. F. -----                  | Same -----                   | LuVerne    |
| Wolf, George -----                 | Same -----                   | LuVerne    |
| Trenary, Mrs. Matie -----          | Trenary, Robt. & Elmer ----- | LuVerne    |
| Harr, Mrs. Edna I. -----           | Olson, Geo. H. -----         | Cresco     |
| Anderson, Emil, Estate -----       | Anderson, Orville -----      | LuVerne    |
| Hobscheidt, John -----             | Same -----                   | LuVerne    |
| Tracy, A. H. -----                 | Moore, Virgil E. -----       | Seneca     |
| Black, Hugh, et al -----           | Black, Hugh M. -----         | Irvington  |
| Hutchins, H.D. & Black, Robert --- | Black, Robert -----          | Irvington  |
| Raney Hugh -----                   | Raney, W. H. -----           | Irvington  |
| Pioneer Hi-Bred Corn Co. -----     | Smith, David A. -----        | Cresco     |
| Raney, Hugh -----                  | Raney, W. H. -----           | Irvington  |
| Brack, Tice -----                  | Zielske, Arthur R. -----     | Harrison   |
| Capesius, Bernard -----            | Same -----                   | Irvington  |
| Lewis, Frank T. -----              | Same -----                   | Ledyard    |
| Lewis, Frank T. -----              | Lewis, Hugh R. -----         | Ledyard    |
| Callies, L. E. -----               | Steven, R. E. -----          | Portland   |
| Ruger, Walter -----                | Same -----                   | LuVerne    |
| Voss, John, Sr. -----              | Voss, John, Jr. -----        | LuVerne    |
| Tindall, J. W. -----               | Same -----                   | LuVerne    |
| Ernst, Amalie & Walter -----       | Tindall, J. W. -----         | Prairie    |
| Cram, Carroll J. -----             | Same -----                   | LuVerne    |
| Richardson, Clif -----             | Same -----                   | LuVerne    |
| Heetland, Jerry -----              | Same -----                   | Ledyard    |
| Hobscheidt, George -----           | Same -----                   | LuVerne    |
| Elbert, Leo P. -----               | Same -----                   | Prairie    |
| Raney, J. A. -----                 | Danielson, Arnold -----      | Irvington  |
| Wise, Herman -----                 | Same -----                   | Prairie    |
| Struthers, Mrs. Geo. -----         | Struthers, Arnold -----      | Garfield   |
| Traub, Fred -----                  | Same -----                   | Garfield   |
| Wiemer Estate -----                | Klinksiek, Ervin -----       | Ledyard    |
| Ellingson, Melvin -----            | Same -----                   | Garfield   |
| Hackman, Mrs. -----                | Chambers, Earl R. -----      | LuVerne    |
| Bormann, Charles M. -----          | Same -----                   | Whittemore |
| Kollasch, Fred H. -----            | Same -----                   | Whittemore |
| Siems, Erwin H. -----              | Elbert, August A. -----      | Whittemore |
| Adams, Roy E. -----                | Adams & Adams -----          | Whittemore |

| OWNER                            | OPERATOR                  | TOWNSHIP    |
|----------------------------------|---------------------------|-------------|
| Siems, Mrs. Emilie -----         | Balgeman, Harlan -----    | Whittemore  |
| Fandel, Mrs. Anna -----          | Fandel, Walter J. -----   | Whittemore  |
| Murray Farm Co. -----            | Hunt, F. R. -----         | Seneca      |
| Nielsen, George K. -----         | Nielsen, Harold A. -----  | Seneca      |
| Nielsen, Albert C. -----         | Nielsen, Melvin S. -----  | Seneca      |
| Jones, Harold V. -----           | Same -----                | Swea        |
| Burlingame, Hattie -----         | Raney, Lyle -----         | Irvington   |
| Jacobson, Chas. O. -----         | Klein, Roy D. -----       | Seneca      |
| Hansen, Theron C. -----          | Same -----                | Wesley      |
| Meyer, Hugo -----                | Same -----                | Whittemore  |
| Lickteig, Louis -----            | Same -----                | Prairie     |
| Frimml, W. J. -----              | Vitzthum, G. J. -----     | Wesley      |
| Johnson, Albert H. -----         | Same -----                | Prairie     |
| Goplerud, June Adel -----        | Nygaard, Charles -----    | Prairie     |
| Skow, J. C. -----                | Skow, Joseph A. -----     | Wesley      |
| Smith, Mrs. Neal -----           | Smith, David A. -----     | Cresco      |
| Weber, John F. -----             | Same -----                | Irvington   |
| Herbst, Joel M. -----            | Lemkee, A. M. -----       | Irvington   |
| Runchey, William -----           | Runchey & Smith -----     | Garfield    |
| Runchey, Est. -----              | Runchey & Smith -----     | Riverdale   |
| Runchey, Effie -----             | Runchey & Smith -----     | Whittemore  |
| Gilmore, Katharine & H. L. ----- | Hurn, Paul -----          | Cresco      |
| Jensen, Est. -----               | Jensen, Millen -----      | Seneca      |
| Jensen, Est. -----               | Willrett, A. R. -----     | Lotts Creek |
| Meyer, Herman, Est. -----        | Meyer, Alfred H. -----    | Whittemore  |
| Budlong, Mary H. -----           | Tjaden, Wm. -----         | Cresco      |
| Studer, Herman J. -----          | Same -----                | Prairie     |
| Jenkinson, Glen W. -----         | Jenkinson, Frank C. ----- | Union       |
| Dodds, Homer W. -----            | Same -----                | Union       |
| Union Slough -----               | -----                     | Ramsey      |
| Schenck, Mrs. Eliz. A. -----     | Schenck, Lee -----        | Union       |
| Turner, Volmer Land Co. -----    | Troff, Peter -----        | Ledyard     |
| Turner, C. G. -----              | Work, Orval -----         | Grant       |
| Kruse, F. H. -----               | Wenger, Vernon -----      | Eagle       |
| Roalson, Merton -----            | Same -----                | Eagle       |
| Ostergaard, Arne & Ingvard ----- | Same -----                | Eagle       |
| Phelps, Jess E. -----            | Phelps, William R. -----  | Eagle       |
| Paulsen, Anna -----              | Paulsen, Elmer -----      | Ramsey      |
| Weimer, W. E. -----              | Rease, Chas. -----        | Springfield |
| Brack, Tice -----                | Blome, Arlowe C. -----    | Ledyard     |
| *Boldridge, William N. -----     | Same -----                | Riverdale   |
| *Yoch, Andrew -----              | Girres, C. L. -----       | Garfield    |
| *Harms, Irvin -----              | Same -----                | Garfield    |
| *Harms, Julius -----             | Same -----                | Garfield    |
| *Dahlhauser, P. J. -----         | Joynt, Irvin -----        | Garfield    |
| *Linde, H. W. -----              | Same -----                | Eagle       |
| *Taylor Est. -----               | Bormann, George -----     | Riverdale   |
| *Elsenbast, C. B. -----          | Same -----                | Garfield    |
| *Girres, C. L. -----             | Same -----                | Garfield    |
| *Harms, Fred -----               | Same -----                | Garfield    |
| *Ellingson, Elmer M. -----       | Brandow, Harold -----     | Garfield    |
| *Nurre, Leo -----                | Same -----                | Ramsey      |
| *Reid, John H. Est. -----        | Reid, Ida & Son -----     | Union       |
| *Grill, Alfred -----             | Same -----                | Cresco      |

| OWNER                       | OPERATOR                   | TOWNSHIP   |
|-----------------------------|----------------------------|------------|
| *Lagerstrom, T. E. -----    | Same -----                 | Union      |
| *Juckniess, Anna C. -----   | Lagerstrom & Juckniess --- | Riverdale  |
| *Black, Paul -----          | Black, Robert -----        | Irvington  |
| *Miller, Lawrence O. -----  | Same -----                 | LuVerne    |
| *Cunningham, Frank C. ----- | Same -----                 | Ramsey     |
| *Anderson, G. O. -----      | Stefanski, Andrew M. ----- | Harrison   |
| *Lee, R. S. -----           | Lee, Phillip -----         | Riverdale  |
| *Bradley, Joe & Walt -----  | Schneider, Wilfred -----   | Riverdale  |
| *Struecker, Herman -----    | Struecker, Victor -----    | Seneca     |
| *Cody, Albert -----         | Same -----                 | Seneca     |
| *Nelson, August -----       | Brown, Elson -----         | Seneca     |
| *Osborn, Clarence -----     | Same -----                 | Seneca     |
| *Newel, F. C. Est. -----    | Borchardt, Ervin P. -----  | Fenton     |
| *Morgan, Ralph E. -----     | Same -----                 | Cresco     |
| *Frankl, Gerald -----       | Same -----                 | Irvington  |
| *Rolfsema, K. M. -----      | Callies, C. F. -----       | Buffalo    |
| *Budlong, Arthur J. -----   | Same -----                 | Buffalo    |
| *Budlong, Mrs. Roy -----    | Budlong, Donald G. -----   | Buffalo    |
| *Bilsborough, M. J. -----   | Same -----                 | Buffalo    |
| *Orthel, H. J. -----        | Same -----                 | Buffalo    |
| *Larsen, Vernon -----       | Same -----                 | Buffalo    |
| *Harner, George -----       | Same -----                 | Harrison   |
| *Newel, Charles H. -----    | Newel, Lyle C. -----       | Fenton     |
| *Norris, H. R. -----        | Trauger, Merlin -----      | Prairie    |
| *Lorenz, W. A. -----        | Weydert, Herbert -----     | Portland   |
| *Treat, Floyd -----         | Same -----                 | Swea       |
| *Bahnsen, Bahne K. -----    | Bass, Wm. -----            | Fenton     |
| *Baumann, John -----        | Same -----                 | Whittemore |

\*Completed in 1951

## 1951 FINANCIAL REPORT

As in the past two years, your district was benefited by the Iowa State Appropriation for Soil Conservation districts. Without these funds it would be difficult to carry out the program, in fact it was not until such funds became available that the work of the district progressed. The 1951 appropriation was allocated to each district on the basis of last year's requirements. The allocation to each district is divided into two (2) yearly budgets, one budget for the fixed amount of \$500.00 is for the purpose of defraying operating expenses such as office supplies, printing, rental, commissioners mileage, etc. The amount of the second budget is based on the districts recommendation for expenditures which bring soil conservation directly to the land of the county. Both budgets are subject to the approval of the Iowa State Soil Conservation Committee and money for each item of expense must be requisitioned as the expenditure occurs.

Accordingly the Kossuth District had the following receipts and expenditures:

1951 FINANCIAL ACCOUNT

|                                    |                        |            |
|------------------------------------|------------------------|------------|
| Balance Jan. 1, 1951               | Iowa State Allocations |            |
| 1-A Budget                         | \$ 614.77              |            |
| 2-A Budget                         | <u>1,744.09</u>        | \$2,358.86 |
| <br><u>Receipts as Allocation</u>  |                        |            |
| Credit 1951-52                     |                        |            |
| July 1st 1-A Budget                | \$ 500.00              |            |
| July 1st 2-A Budget                | <u>1,300.00</u>        | \$1,800.00 |
| <hr/>                              |                        |            |
| Total Balance Dec. 31, 1951        |                        | \$4,158.86 |
| <br><u>Expenditures</u>            |                        |            |
| 1-A Budget:                        |                        |            |
| District Operating Expense         | \$305.41               |            |
| (Jan. 1 to June 30)                |                        |            |
| Unexpended Allocation              |                        |            |
| Credited to State Funds            | 309.36                 |            |
| District Operating Expense         | <u>206.12</u>          |            |
| (July 1 to Dec. 31, 1951)          |                        | \$820.89   |
| 2-A Budget:                        |                        |            |
| Salaries for clerical assistant    | 815.25                 |            |
| (Jan. 1 to June 30, 1951)          |                        |            |
| Unexpended Allocation              |                        |            |
| Credited to State Funds            | 928.84                 |            |
| Salaries for clerical assistant    | <u>225.68</u>          |            |
| (July 1 to Aug. 24, 1951)          |                        | \$1,969.77 |
| Total Expenditures                 |                        | \$2,790.66 |
| Total Balance of Allocation Credit |                        |            |
| Dec. 31, 1951                      | <u>1,368.20</u>        |            |
|                                    |                        | \$4,158.86 |

## KOSSUTH COUNTY PMA COMMITTEE

Herman Studer  
Chairman County Committee

Under the directive from Secretary of Agriculture, Charles F. Brannan, a coordinated program was set forth. The purpose of this directive is to get more conservation on the land through the effort of all agencies in the Department of Agriculture. One phase of the directive distributed different responsibilities to certain agencies. The PMA, through the ACP Program, is authorized to make payments on various practices that are carried out on the individual farms. However, the permanent type practices, tiling, sod waterways, contouring, strip cropping, terraces, and construction of open drains must be certified by the Soil Conservation Service technicians before the farmer is eligible for his ACP payment.

In November 1951, the Production & Marketing Administration, Soil Conservation Service, and Farmers Home Administration offices were moved into the present location above the Penney Store. This move was made for convenience to the farmer, and closer working together of all agencies.

The Agricultural Resources Conservation Committee composed of the following agencies, Production & Marketing Administration, Soil Conservation District, County Extension Director, Soil Conservation Service, and Farmers Home Administration was set up for the purpose of studying the agricultural problems in Kossuth County and formulating a long time program for better land use.

## KOSSUTH COUNTY EXTENSION SERVICE

A. L. Brown  
Extension Director

Crops and soils have always had an important place in the County Extension Program of work. Through publicity and meetings it provides a service that quite effectively reaches all people of the county with educational helps.

A file of all soil test reports is kept in the county office. Many farmers lose or misplace their copy of these reports so the office copy is referred to many times as farmers call for help and advice.

Fertilizer and crop variety test or observation plots are put out nearly every year. These plots are located where they are convenient to visit any time. In addition at least one day is set aside as a field day for official visitation, this year nearly 100 attended.

Almost without exception, all townships devote one of their monthly meetings to a soil and crop discussion. The Extension Director attends as many of these meetings as he can, he provides information for some, has Soil Conservation Service personnel attend some and secures good soil conservation sound films for many. The Extension Office also cooperates with the schools, the PMA, SCS and Soil Conservation District in organizing and carrying out their respective soil conservation programs. In other words, all of the Agricultural Agencies cooperate well together on a county level, to further the whole Soil Conservation Program.

REPORT OF SOIL CONSERVATION WORK DONE IN  
VOCATIONAL AGRICULTURE DEPARTMENT  
ALGONA PUBLIC SCHOOLS

G. W. Sefrit  
Voc. Ag. Instructor

Soil Conservation is emphasized in all four courses taught in our Vocational Agriculture Department. This year we have an enrollment of 52 farm boys each of which are practicing some soil conservation practice in the home farming program.

In our courses of Farm Crop and Soils we stress soil-saving crop rotations, proper use of commercial fertilizers, green and barnyard manures, soil testing, soil typing, soil classification and good farm planning. In the past year we have tested over 1000 acres on class member's farms.

In our course of Farm Management each class member makes a complete farm plan of his home farm following the recommendations of the Soil Conservation service.

Each student receives actual experience in running contour lines and methods of laying out grass water-ways where needed.

In our Farmers' Evening School in which we have an enrollment of 125 farmers this year, three full meetings are being devoted to the subject of soil management.

We would like to express our appreciation to the Soil Conservation Service Office and Commissioners for their help and co-operation given us the past year. We feel that this is one of our greatest problems facing the future farmers today.

SOIL CONSERVATION IN  
KOSSUTH COUNTY PUBLIC SCHOOLS  
A. E. Lauritzen, Superintendent

The Soil Conservation District has assisted with the educational program of the Kossuth County Schools by providing a half-day of informational service at the annual teacher workshop. Through the study of the three outlined units in the state course of study they were able to give service as follows:

Unit #1 -- Soil Fertility

Pamphlets and literature on natural and commercial fertilizer use distributed to teachers and pupils.

Samples of three different commercial fertilizers made available to all who desired to work experiments.

Soil sample kits for demonstration of testing procedures.

Unit #2 -- Farm Conservation Planning

Names and addresses of local community farm plans in operation.

Field trip arrangements to note changes made in farm plan operations.

Sample farm plans to study in school discussion.

Unit #3 -- Legumes and Grasses

Literature made available for the study of need and benefits of legumes and grasses.

Sample seed for plot experiments for all those who desired to work them out.

Recommendation of filmstrip materials to be used and provision for charts and other visual materials made available for pupil and teacher study.

Film loan service in the above three units including at least two titles for each unit.

Speaking engagements for any of the above or other conservation study assignments.

