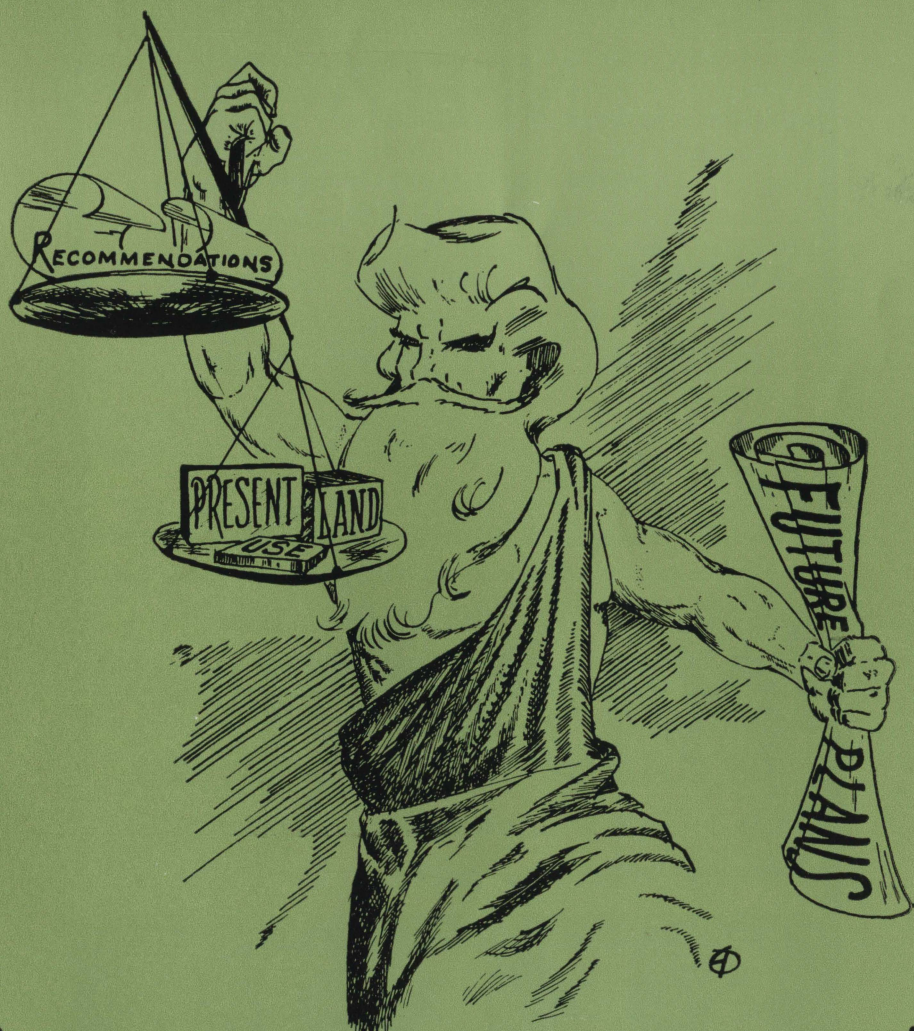


..1962..
NINETEENTH ANNUAL REPORT AND
SOIL & WATER CONSERVATION NEEDS
OF THE
WARREN COUNTY SOIL CONSERVATION DISTRICT



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FOREWORD

We, the Commissioners of the Warren County Soil Conservation District take this opportunity to report to you, the farmers of Warren County, accomplishments in Soil and Water Conservation during 1962. Included also are the results of the study which has been made of the overall conservation needs of Warren County. We feel that this is important information which you will want to keep for future reference.

We wish to express our appreciation to all individuals, groups and agencies whose assistance and encouragement made our achievements possible. A big "thank you" to our co-operators and other farmers, personnel of the U. S. Soil Conservation Service, Warren County Agricultural Stabilization and Conservation Committee, Warren County Extension Service, Farmers Home Administration, Indianola Chamber of Commerce, Record-Herald and Indianola Tribune, Farm Equipment and Farm Supply dealers, Warren County Board of Supervisors and the County Engineer, Warren County Public Schools, the Vocational Agriculture Departments at the Indianola, Interstate 35 and Southeast Warren schools, Warren County Churches, State Conservation Committee, State Conservation Commission and the Iowa Association of Soil Conservation District Commissioners.

We are especially grateful to our contractors and to the merchants and business people for their continued interest and their financial assistance in publishing this report.

We are pleased with the progress our cooperators are making in farm conservation planning and application of practices. However, we are also aware of the fact that much remains to be done as evidenced by the conservation needs report. We re-pledge ourselves as commissioners to concentrate our efforts on helping the people in our District get conservation on the land.

Warren County Soil Conservation District Commissioners

James W. Ginder, Chairman

Luther P. Williams

Robert Morrison

Indianola, Iowa

DISTRICT COMMISSIONERS

James W. Ginder	Chairman
Luther P. Williams	Member
Robert Morrison	Member
Clark Mahr	Treasurer
James I. Middleswart	Assistant and Secretary
Loren Loomis	Assistant

U. S. SOIL CONSERVATION SERVICE PERSONNEL

Harold M. Anderson	Work Unit Conservationist
Herbert L. Davison	Soil Conservationist
Harold L. Godlove	Soil Conservation Technician
Kermit J. Wilbur (part-time)	Soil Conservation Aid

STATE PERSONNEL

Mrs. Evelyn Baughman	Clerk
Loren Goodwin (part-time)	State Aid
Duane Stoppel (State Cons. Commission)	District Forester Assists when needed

OTHER SCS PERSONNEL ASSISTING DISTRICT

Kenneth E. King	Area Conservationist
Reuben L. Kammerer	Civil Engineer
Dale L. Frank	Cons. Engr. Technician
Arden M. Danielson	Cons. Engr. Technician
Elton L. King	Supv. Soil Scientist
Mrs. Wilma Kimball	Area Clerk
John Maddy	Management Agronomist
Dean S. Glen	Agric. Engineer
Richard Birchmier	Agric. Engineer
Clifford A. Jensen	Engineering Aid

DISTRICT OPERATES WITH 2 BUDGETS

The General Assembly of Iowa provides funds to assist soil conservation districts in their local programs. These funds are allotted to districts by the State Soil Conservation Committee on the basis of needs (as evidenced by budgets submitted by the district commissioners).

Two separate funds are provided by the State Soil Conservation Committee. They are the 1M Budget used for commissioners' expenses, office supplies, printing, demonstrations and other office expenses, and the 2M Budget which is used to employ a clerk and technical help to assist with layout and planning work.

1M BUDGET

Item	Amount Expended Fiscal Year 1961-62
1M Budget Allocation	\$ 500.00
Expenditures:	
Commissioners' Expense	233.82
Office Supplies	120.82
Materials for demonstration	47.71
Office Expense	95.46
	\$ 497.81

2M BUDGET

2M Budget Allocation	\$5,280.00
Expenditures:	
Salaries—Clerk & State Aid	5,114.87

OPERATING FUND

The District operating fund is a non-appropriated fund received from contributions. It is deposited in a checking account. This money is used for expense which will further soil conservation but which cannot be paid from state appropriations.

ORGANIZATION MEETING



Seated, left to right, are commissioners: Ginder, chairman; Morrison, and Williams.

Standing, left to right, assistant commissioners: Cummings, Middleswart, secretary; and Loomis.

FARM LOANS

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MARILYN RUNYAN, Asst. Mgr.

1962 ACTIVITIES

January: Goals and activities for 1962 were discussed at the regular commissioners' meeting January 2. A special commissioners' meeting was held on January 9 to open bids received for the district farm. The farm was sold to the high bidder, R. E. Phillips of Des Moines.

James Ginder attended the annual Commissioners' Short Course in Ames on January 24 and 25.

February: SCS personnel participated in the Extension Service Agronomy Short Course which consisted of three weekly meetings.

The commissioner election was held as scheduled on February 21. Robert Morrison was re-elected for a six year term, winning over Loren Loomis. The noon luncheon meeting, originally planned in connection with the election was postponed because of the storm. This meeting was held on February 28 at St. Thomas Aquinas Catholic church in Indianola with 135 people attending. Principal speaker was Dr. Herbert Alberding, head of the geology department of Simpson College.

March: The regular commissioners' meeting was held on March 7. James Ginder was selected to serve as chairman for the next two years, replacing Robert Morrison.

James Ginder, Mrs. Evelyn Baughman, Harold Godlove and Harold Anderson attended the Region 6 meeting of Soil Conservation Districts held in Chariton on March 13. Also attending were Kenneth Hatcher, ASCS office manager and Marvin Smart, County Extension Director. Ginder, Hatcher and Anderson appeared on the program to discuss "Experiences in administering the ACP activities at the county level".

Herbert Davison went to Coshocton, Ohio on March 10 for a four-week training session at the Soil Conservation Service Training Center.

Harold Anderson met with the Warren County Council of Churches on March 26 in the interest of Soil Stewardship

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Week activity. The District made Soil Stewardship booklets available to all Warren County clergymen for observance of Soil Stewardship Week, May 27 to June 3.

On March 29 Harold Anderson showed the film "Soil Conservation Districts and Iowa People" in the Joe Seymour home at the monthly meeting of the Martensdale Garden Club.

April: Loren Goodwin, 1961 Indianola High School graduate, started to work as part-time State Farm Planner Aid on April 16.

The annual meeting of the Badger Creek Watershed Sub-District was held in Winterset on April 17. Commissioners' Ginder and Morrison and trustee Martin Hanrahan attended. Hanrahan was appointed to a new three year term as trustee.

May: The annual Indianola FFA Field Day was held on May 2 on the Frank Taylor farm in White Oak Township.

In a special meeting on May 8, the commissioners completed the Goodyear National Soil Conservation Awards Program score sheets and named Wayne Hunerdosse of Squaw township as the Warren District outstanding farmer in this contest.

June: Regular commissioners' meeting was held on June 6. Cecil Gillespie of Winterset, director of Region 6 of the Iowa Association of Soil Conservation District Commissioners attended and reported on activities of the Association.

On June 19 fingerling bass were distributed by the Federal Fish Hatchery to 31 farmers for stocking their ponds.

In observance of Iowa's Annual Soil and Water Conservation week, a cut-and-fill, parallel terrace construction demonstration was held on the John Walker farm in West Lincoln township on June 19.

Indianola newspapers started publishing monthly conservation accomplishments on farmers in the District.

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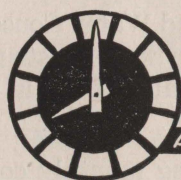
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Building Cut and Fill
Standard Terrace

John Walker Farm

July: A committee consisting of William Beatty, James Davies, Clarence Walk, Luther Williams and Harold Anderson judged the farms entered in the Iowa Soil Conservation Achievement Awards Program. Beatty, Davies and Walk represented the Indianola Chamber of Commerce, sponsor of the program in Warren County Soil Conservation District.

Mike Smith, son of cooperator Myron Smith, won second place in the Region 6 Speech Contest in Chariton on July 31. Commissioners Ginder and Williams and Gerald Sutton, Indianola Vocational Agriculture instructor, attended this event.

Robert Battles, Indianola, attended the Teachers Conservation Camp at Springbrook State Park on a scholarship provided by the District.

August: A trial planting of Intermediate Wheatgrass was made in a waterway on the Burdette Reynolds farm in Liberty township.

Herbert Davison and Loren Goodwin prepared and installed a conservation exhibit at the Warren County Fair. The booth space was furnished by the Indianola Record-Herald and Indianola Tribune.

Commissioners Ginder and Morrison served as officials in the State Level Land Plowing Contest at Wick.

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Robert Morrison was the Warren District entry in the Region 6 Outstanding Commissioners Contest.

Cooperator Harold Zeliadt, Prole, represented Warren District in the Area Contour Plowing Contest near Adel.

September: Regular commissioners' meeting was held on Sept. 11. County Superintendent of Schools Dwight Erickson met with the commissioners to get the conservation work book program underway in Warren County schools. The District and the schools shared the cost of the work books. Mr. and Mrs. James Ginder and Mr. and Mrs. Luther Williams attended the annual meeting of the Iowa Association of Soil Conservation District Commissioners at Sioux City, Iowa September 16-18.

October: The Indianola FFA chapter held its annual soil judging contest on the John Walker farm in West Lincoln township. Forty-six boys competed.

November: The Indianola Chamber of Commerce presented plaques to winners in the 1962 Iowa Soil Conservation Achievement Awards Program at the Chamber annual dinner meeting. The Chamber of Commerce sponsored the contest and assisted with the judging.

Awards were as follows:

Division I, Owner-operator

Glen Groves, Jefferson Township

Division II, Landlord-tenant

Harry L. Browne and Dale Sams

Division III, New cooperator . . . William H. Kubli

Charles Ballantyne, Extension Soil Conservationist, and Kenneth King, Area Conservationist presented watershed information at the Indianola Vocational Agriculture Adult Evening Class on November 12.

December: State representative, Carl Hirsch, Indianola, and State Senator Louis Fisher, Osceola, attended regular commissioners meeting on December 4 for a briefing on activities and needs of the District.

DISTRICT ACCOMPLISHMENTS

	Unit	1962	Total to Date
New Cooperators	No.	50	906
Basic Conservation Plans	No.	34	602
Soil Surveys	Acres	5,545	221,205
Contour Farming	Acres	1,159	33,930
Strip Cropping	Acres	189	5,517
Pasture Planting	Acres	550	7,307
Wildlife Areas	Acres	32	767
Erosion Control Structures	No.	11	134
Farm Ponds	No.	24	852
Tile Drains	L. Ft.	427,661	1,596,379
Open Drains	Miles	6	59
Diversion Terraces	Miles	4	136
Standard Terraces	Miles	10	272
Waterway Shaping	Acres	37	719
Fishpond Stocking	No.	39	436
Multiflora Rose Planting	Rods	258	4,019
Tree Planting	Acres	11	205

NEW DISTRICT COOPERATORS

BELMONT TOWNSHIP

Guy Ohnemus
Edna McNeer
Jack Young

EAST LINCOLN TOWNSHIP

Theodore M. Bakke
Duane Woodruff No. 2

GREENFIELD TOWNSHIP

Lloyd R. Beavers

JACKSON TOWNSHIP

Flossie M. Coltrane
T. J. Wilgenbusch
Frances McClure
Donald Goodrich

JEFFERSON TOWNSHIP

Robert C. Keeney
Forrest Hakes
Sonia Tucker

LIBERTY TOWNSHIP

Mrs. Lizzie Shupe

LINN TOWNSHIP

Jack W. Davis
Harold T. Askildson
D. P. Wiedmann

OTTER TOWNSHIP

Howard W. Lester No. 4
C. W. Wells
Raymond Phillips
E. L. & Leroy Kruse
Harry Graham, Jr.

PALMYRA TOWNSHIP

Floyd Rhoades
John Rooney

RICHLAND TOWNSHIP

Wilbur Howard
Paul Ogilvie
Elliott Miller No. 2

SQUAW TOWNSHIP

A. K. Smalley
Burdette Reynolds
Mary Murdock

UNION TOWNSHIP

Warren H. Weston
Charles Oakley, Jr.
Wilbur D. Harvey

VIRGINIA TOWNSHIP

Pauline Conner
Dewey Loney
Ralph & Everil Minard

WEST LINCOLN TOWNSHIP

Ray Michael
Joe Naberhaus
Loren & Duane Proudfit

WHITE BREAST TOWNSHIP

Dean Vander Linden
Amil Downing
Mrs. Effie Kimzey
Myrtle Schneider
Clem A. Hoch
Edward E. Schneider

WHITE OAK TOWNSHIP

William E. Dillard
Guy O. Davis
Steve J. Pazzi
Albert C. Heckman
John Gorla

BASIC CONSERVATION PLANS

Donald DeCook	Mrs. Harry Wilson	Glenn Partlow
Louis R. Howe	Roland Short	Vitus Schurman
Sam W. Martin	Lloyd R. Beavers	Earl Culver
Harvey T. Rose	Ralph & Everil Minard	Ray Clark
Roy Banks	Raymond Phillips	T. J. Wilgenbusch
Merrill Kennedy	Frances & Dale McClure	Wilbur D. Harvey
Sonia Tucker	Mrs. Lizzie Shupe	Howard Tipton
Charles Craig No. 2	Duane Hansell	Charles Oakley, Jr.
Leroy Kruse	Duane Halterman	Leslie C. Bader
E. L. & Leroy Kruse	Worth Fee	Flossie M. Coltrane
Raymond Hindman	Robert Fickes	Donald Goodrich
	Burdette Reynolds	

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COOPERATING AGENCIES AND OTHER GROUPS WARREN COUNTY ASCS

Fred Wood, Chairman
Kenneth Hatcher, Office Manager

The Warren County ASCS Committee, consisting of Fred Wood, Harold Mott and William Kubli met with the district commissioners and SCS personnel throughout the year.

Nineteen sixty-two was another record year for the ACP program in Warren County. It was especially so for assistance on permanent type practices.

It is through the use of the ACP program that the fertility of our land may be conserved and improved. This is of the utmost importance, as we all know the day will arrive when we will be taxed to the utmost to provide food and fiber for the people of our country.

The fact that many of these practices could not be performed without financial assistance, and that the conservation of our soil is so vital, is recognized by the Congress of the United States in continuing the ACP program.

We feel that Warren County has good, sound, strong ACP program and this is borne out by the participation of our farmers in the more permanent-type practices. Approximately \$87,500 or 62% of our ACP money earned was spent on these practices the past year.

A total of 86 farms still have Conservation Reserve contracts in effect totaling 6,403 acres.

Under the 1962 Feed Grain Program, 1,031 contracts were in effect in Warren County resulting in a retirement of 26,173 acres of cropland. This program was invaluable in the retirement of land and in decreasing the production of feed grains. It also gave many people an opportunity to perform practices who had been unable to do so before. This was because of the fact that the land was idled, and they had ample opportunity to perform the needed practices. Over 1,400 participated in the ACP program this year, a record we in Warren County are proud of.

The basic reason for our sound ACP program is the excellent cooperation between all agencies and groups in the promotion of soil and water conservation. This cooperation does not come about overnight, but is something that is developed through the year. We are sure this type of cooperation will continue into the future.

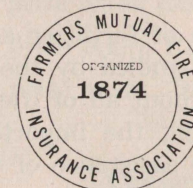
WARREN COUNTY EXTENSION SERVICE

Marvin L. Smart, Extension Director

The Agronomy Short Course that was held in Warren County, January 22, January 29 and February 1 of 1962 was the major educational program of the Extension Service directed toward the proper management of the land. The Extension Director worked very closely with the Soil Conservation Personnel who assisted greatly in selecting the John Walker farm as the "Workshop" example, in obtaining and preparing the maps for the farm and in assembling all the necessary data to make the workshop a success. The sixty-five farmers who attended the short course undoubtedly gained a much better appreciation of the make up of their own soil as well as a working knowledge of how to manage it properly in line with recommended soil conservation practices.

The idling of thousands of acres of farm land in Warren County under the Feed Grain Program again in 1962 no doubt contributed greatly toward better conservation of a lot of soil this past year, much of which was fertilized and seeded down

WARREN



W. H. Yaggy, Secretary

POLK



Barney Metz, Assistant Sec.

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D. R. Downing, Indianola
Jesse Hunerdosse, Lacona
Ira Herold, Lacona
Eleanor McNeer, St. Marys
J. I. Middleswart, Indianola
Randall Smith, Pleasantville
Rodney Woodruff, Indianola

POLK COUNTY AGENTS

Phillip Davitt, Martensdale
Wm. G. Heckman, New Virginia
John M. Kern, Norwalk
W. B. Noble, Indianola
Walter A. Sallman, Indianola
Otis W. Shetterly, Hartford



FFA Field Day
Shaping a Waterway for Seeding

Frank Taylor Farm
White Oak Township

properly under the Agricultural Conservation Program. The Extension Service was glad to have a part in working with the A.S.C.S. in helping to inform the people of the County about the advantages of this program that received wide support throughout the area.

Many inquiries concerning the use of fertilizer and lime and land management practices were handled by the Extension personnel during the year. Throughout all of the discussions involving the management of soil, the importance of having a farm plan developed with the assistance of the Soil Conservation Service and the value of using practices that are consistent with the proper use of the soil are stressed.

VOCATIONAL AGRICULTURE DEPARTMENT

Indianola Community Schools

Gerald E. Sutton, Advisor

The 12th annual F. F. A. soil conservation field day was held May 2nd on the Frank Taylor farm eleven miles southwest of Indianola. Most of the day was spent in working over a part of the Taylor farm by constructing a broad base terrace and filling in a large gulley. The gulley was shaped into a grassed waterway and seeded down during the demonstration.

The older chapter members drove the tractors, plows and blades. The equipment was furnished by four implement companies and five farmers in the neighborhood. Technical assistance and supervision was provided by the following technicians from the U.S. Soil Conservation Service: Harold Anderson, Herbert Davison and Loren Goodwin. Marvin Smart, County Extension Director gave some assistance also.

Tractor safety was stressed during the demonstration. The Warren County Soil Conservation District Commissioners sponsored a safe tractor driving contest as the boys worked during the day. Luther Williams, representing the district commissioners, awarded the following cash prizes:

1st place safe driver, Max Labertew—\$3.00

2nd place safe driver, Jerry Ball—\$2.00

In the afternoon all members of the local chapter took part in a contour contest which was sponsored by the Warren County Bank and Trust Company. Clark Mahr, executive vice president of the bank was on hand to present \$20.00 in cash awards, as follows:

1st prize team, Loren Mahr and Robert Swartzlander—\$6.00

2nd prize team, Richard Cross and Mike Ripperger—\$5.00

3rd prize team, Ronnie Bloom and Ralph Hodson—\$4.00.

4th prize team, Ralph Brown and Harold McCoy—\$3.00.

5th prize team, Robert Dougherty and Dennis Marks—\$2.00.

Conservation Speech Contest

Mike Smith, vice president of the Indianola F.F.A. Chapter, represented the Warren Soil Conservation District in a regional conservation speech contest at Chariton, July 31st. The subject was "How Soil and Water Conservation Affects My Future." Mike placed second in this regional contest and received a cash award of \$15.00

The ninth annual local F.F.A. soil judging contest was held October 22, 1962 on the John Walker farm northwest of Indianola. Those who conducted the contest for the Indianola Chapter were Harold Anderson, work unit conservationist and Herbert Davison, soil conservationist for the U. S. Soil Conservation Service in Warren County, also Elton King, soil scientist

for this area. Forty six boys competed in this contest. From a possible score of 300 points the scores of the top ranking four members are as follows:

- 1st place, Larry Reynolds—273 points
- 2nd place, Ronnie Bloom—256 points
- 3rd place, Roger Mahr—254 points
- 4th place, Ralph Hodson—244 points

Winner of State and National Soil and Water Conservation award.

Loren Mahr received the top award and \$100 in cash in the Soil and Water Conservation contest at the state convention in Waterloo last spring. This placed his entry in national competition and he went on to win the National Regional award in the same event, receiving a check for \$200 at the national convention in Kansas City, Missouri last October. This contest, sponsored by the National F.F.A. Foundation gives recognition for an outstanding job of soil and water conservation on the home farm during the contestant's four years in vocational agriculture.

Accomplishments on F.F.A. Members' Home Farms.

Conservation and soil and crop improvement is stressed on all the boys' home farms through their supervised farming program and project work.

A summary of last year's accomplishments is as follows:

Soil improvement and soil testing, 10 boys—730 acres.

Crop improvement and seed germination, 20 boys—1,656 acres.

Soil conservation practices, 10 boys—690 acres.

Pasture improvement, 7 boys—362 acres.

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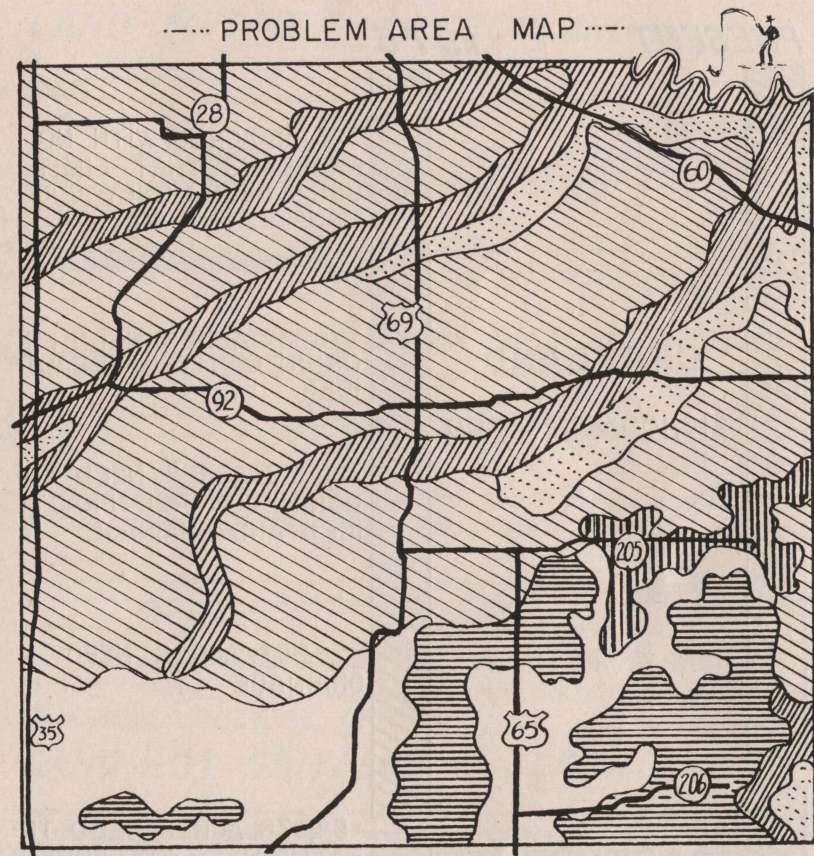
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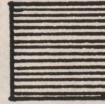
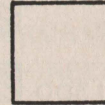
WARREN COUNTY'S

'LONG LOOK AHEAD'

----- PROBLEM AREA MAP -----

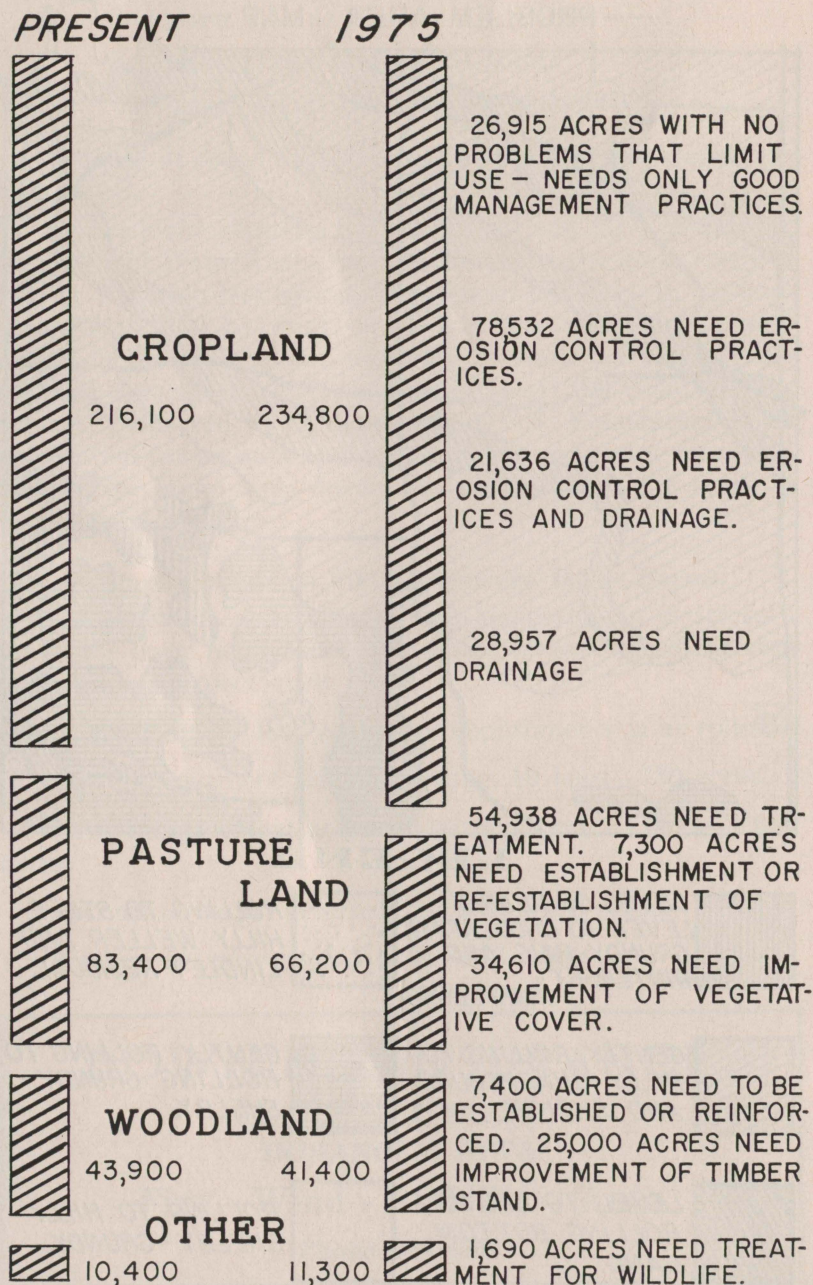


LEGEND

- | | | | |
|---|---|---|--|
|  | LEVEL OR NEARLY LEVEL TO UNDULATING GRUNDY-HAIG AND WINTERSET-SHARPSBURG. |  | ROLLING TO STEEP, HILLY WELLER AND LINDLEY RESIDUAL. |
|  | GENTLY ROLLING TO HILLY SHARPSBURG AND SHELBY. |  | GENTLY ROLLING TO ROLLING GRUNDY-SHELBY. |
|  | LEVEL TO GENTLY ROLLING BOTTOM LAND. |  | ROLLING TO HILLY SHELBY-GRUNDY. |

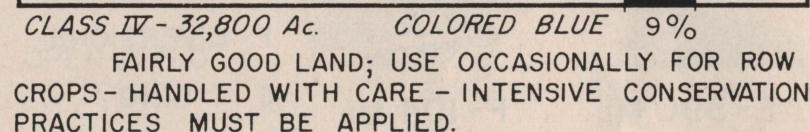
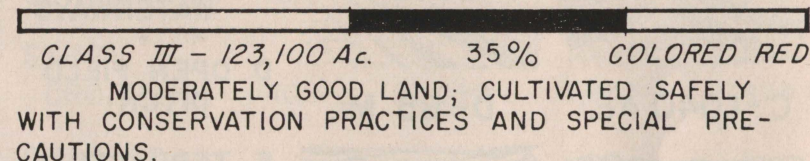
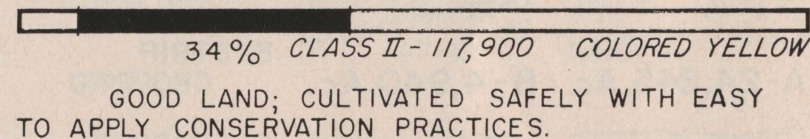
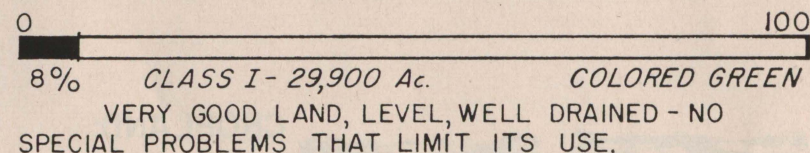
ESTIMATED LAND USE CHANGES (AC.)

TOTAL AGRICULTURAL LAND — 353,700 ACRES

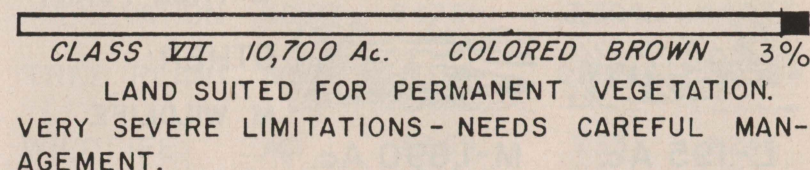
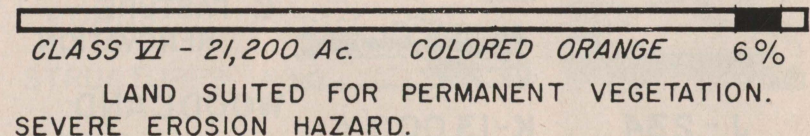
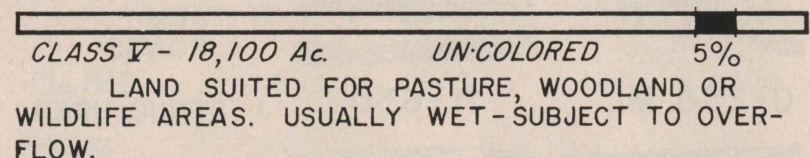


LAND CLASSES OF WARREN COUNTY

LAND SUITABLE FOR CROPLAND



LAND NOT SUITABLE FOR CROPLAND



ESTIMATED CONSERVATION
PRACTICE NEEDS
BETWEEN 1962 & 1975



A-24,245 Ac.



B-4,940 Ac.



C-1,040 Ac.



D-65 Mi.



E-390 Mi.



F-104 Mi.



G-258 Mi.



H-650



J-234



K-13,000 Ac.



L-195 Ac.



M-1,690 Ac.

CROPLAND:

A CONTOURING

B STRIP
CROPPING

C GRASSED
WATERWAYS

D OPEN FIELD
DITCH

E TERRACES

F DIVERSIONS

G TILING

PASTURE LAND:

H FARM
PONDS

J STRUCTURES

K PASTURE
RENOVATION

WOODLAND:

L TREE PLANT

OTHER:

M WILDLIFE

RECORD OF EXISTING
CONSERVATION PRACTICES
AND FUTURE NEEDS

ITEM		AMOUNT PRACTICAL TO APPLY	NOW ON THE LAND	AMOUNT AFTER 1975
CONTOURING	AC.	95,982	33,025	38,712
STRIP CROPPING	AC.	38,050	5,632	27,478
GRASSED WATERWAYS	AC.	6,491	719	4,732
OPEN FIELD DITCHES	MI.	615	59	491
TERRACES	MI.	6,973	272	6,311
DIVERSIONS	MI.	573	136	333
TILING	MI.	1,862	400	1,204
FARM PONDS	NO.	1,537	852	35
STRUCTURES	NO.	1,264	134	896
PASTURE RENOVATION	AC.	64,751	7,704	44,047
TREE PLANT	AC.	4,155	201	3,759
WILDLIFE	AC.	4,669	733	2,246

**WHAT WARREN COUNTY WILL BE LIKE BY 1975 IF
EXPECTED LAND USE CHANGES ARE MADE AND THE
NEEDED CONSERVATION WORK IS DONE.**

In 1975 Warren County Soil Conservation District will have been in operation 31 years. Most individual farmers cooperating with the District will have recognized farming the conservation way as essential if the productive capacity of their farms is to be maintained.

Cooperation between rural and urban groups will be furthering community action on watershed development. Soil erosion problems will have been greatly reduced because of land use adjustments and control of run-off water.

Flooding will be lessened and water better controlled to provide greater benefits to Agriculture and to Recreation. Ponds, reservoirs and wildlife areas will provide additional hunting and fishing to farmers as they share these resources with their city neighbors. Woodlands will be recognized more and more as part of the farm's resources. Need for timber products will lead to greater emphasis on woodland management.

Pastures will be managed to improve their contribution to the farm economy. Brush and weeds will be removed and old bluegrass pastures will be limed, fertilized and seeded to more productive grasses and legumes for increased carrying capacity. Farmers will practice rotation grazing and regulate livestock numbers to favor maximum forage growth and survival.

Our nation's population will have increased to an estimated 210 million; consequently, a greater demand will be placed on every acre of agricultural land. Expanded industry, intensified agriculture, and recreation demands of more people will result in increased competition for available water, and expansion of water resources must be developed.

In order to plan for the nation's requirements, the Department of Agriculture asked each county to make a study of its conservation needs and submit a report by December, 1959. The basic data for the study was obtained by the U. S. Soil Conservation Service from systematic sample soil surveys in each township. A Needs Committee representing farmers, agencies and organizations interested in conservation of soil and water resources analyzed the data and prepared their recommendations. The figures presented in this Conservation Needs report represent the results of that study as they apply to Warren County.

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1962 Winners Warren District Soil Conservation Achievement Contest

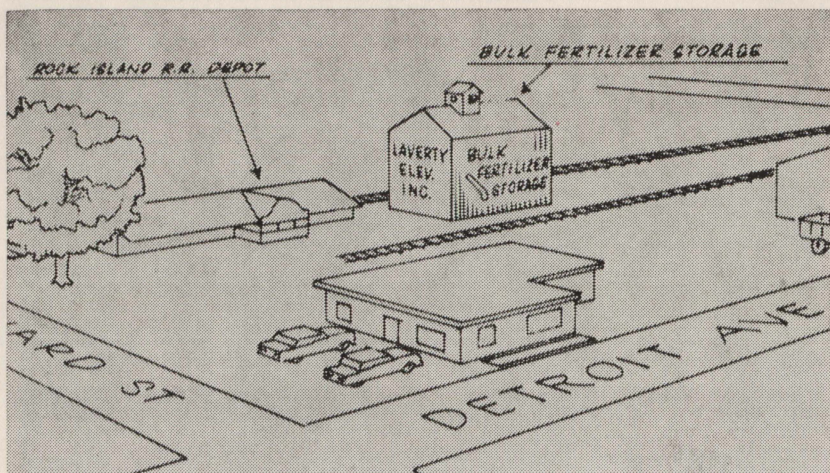


The contest is sponsored annually by the Warren Soil District and the chamber of commerce. Keith Gaumer, right, chairman of the chamber of commerce agriculture committee, is shown here as he presents a plaque to William Kubli, Belmont township farmer who won the new cooperator division. Standing between them is Mrs Kubli. Others who received plaques were, left to right, Mr and Mrs Glen Groves, Jefferson township, winners of the owner-operator division; Mr and Mrs Harry L. Browne and Mrs Earl Sams and Mr Sams, winners of the landlord-tenant division.



Farm Pond with
Strip Cropped Fields

William Kubli Farm
Luther Williams, Clarence Walk,
William Kubli and Gene Kubli



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