

THE WEST POTTAWATTAMIE SOIL CONSERVATION DISTRICT

1959
Beane Community
PRESENTS
INVENTORY OF
CONSERVATION NEEDS
Accomplishments Needed by 1975

A SUMMARY OF THE CO. AGRICULTURAL
CONSERVATION NEEDS, COMPILED MARCH 1959

COMMISSIONERS OF THE DISTRICT
Donald Bladt, Chairman
Eldon Ravlin
Jack O'Hara

TECHNICAL COMMITTEE

Walter W. Weiss
Leon D. Foderberg
Cliff Johnson
Don Hadden

Area Cons. SCS
Work Unit Cons. SCS
Co. Ext. Dir.
Manager Co. ASCS

This pamphlet paid for by:
PURINA DEALERS
Council Bluffs Hatchery, Council Bluffs
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Van Nostrand Grain Co., Avoca

ESTIMATED LAND USE BY 1975

1959 1975

CROPLAND

52,648 acres needs no treatment
189,906 acres on which the dominant problem is erosion by wind or water or both.
46,200 acres are adequately treated or treatment is not feasible.
143,706 acres need feasible treatment applied.
17,373 acres dominant problem, excess water.
4,200 acres adequately protected or treatment is not feasible.
13,173 acres needs feasible treatment.
1,751 acres dominant problem unfavorable soil conditions.

GRASSLAND

4,000 acres needs no treatment or not feasible to treat except fertilizer.
17,504 acres needs treatment.
10,000 acres needs establishment or renovation.
6,500 acres needs improved vegetative cover.
1,004 acres needs protection of vegetative cover from overgrazing and erosion.

WOODLAND

408 acres needs establishment or improvement and reinforcement of stand.
90 acres needs protection from rodents and 50 acres needs some erosion control.
50 acres of shelterbelts and windbreaks are needed.

WILDLIFE

2,472 acres needs establishment.
All 4,136 acres needs management and protection from fire and grazing.

OTHER RURAL LAND

1,159 acres has no problems.
5,301 acres dominant problems erosion by water or wind.

TOTAL ACRES IN DISTRICT, 321,908

TOTAL FARMS 1,668

TOTAL ACRES IN DISTRICT,

TOTAL FARMS,

CROPLAND
260,114/261,678

GRASSLAND
28,047 21,504

WOODLAND AND
WILDLIFE
2,664 3,186

OTHER RURAL LAND
6,695 6,217

OUT OF
AGRICULTURAL USE
24,173 29,323

(CITY, ROADS,
WATER, ETC.)

ESTIMATED CONSERVATION PRACTICES NEEDED BY 1975

Good management and good conservation include: rotations that fit the land, use of the practices needed, and using the land according to its capability.

On cropland, the mechanical practices needed to reduce soil erosion are level terraces, diversion terraces, contouring and erosion control structures with grassed waterways to handle excess water. On cropland with a water problem use drainage field ditches to lead off excess water and in other fields use tile to reduce subsoil water to a tolerable level.

A profitable level of production can be maintained by: reducing soil and water loss to an allowable level, fertilize according to soil test recommendations, and farm the land according to its capabilities.

LAND RESOURCE UNITS

	Acres
Riverwash, Missouri bottomland	6,700
Sandy and medium textured Missouri bottomland	26,950
Heavy textured Missouri bottomland	14,590
Medium textured first & second bottomland	15,970
Hilly & steep Ida-Monona-Hamburg area	40,000
Hilly & rolling Ida-Monona area	139,050
Rolling Monona-Marshall area	65,480
Rolling Marshall area	10,000



Basic Conservation Plan - 1400



Terraces - 6,689 mi.



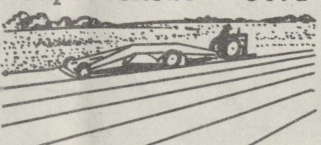
Contour - 100,000 ac. Structures - 1498



Tile - 250,393 ft.



Pasture & Hayland Improvement - 5691 ac.



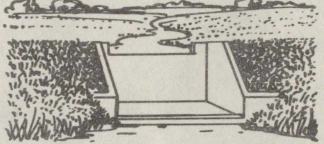
Land Smoothing
21,660 ac.



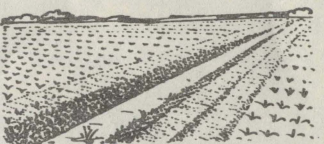
Watershed Projects
15



Waterways - 3,390 ac.



Contour - 100,000 ac. Structures - 1498



Drainage Field
Ditch - 213 mi.



Pasture Fertilizing
1000 ac.



Wildlife Habitat
768 ac.

WHAT WEST POTTAWATTAMIE WILL BE LIKE IN 1975
IF THE LAND USE CHANGES ARE MADE AND THE
NEED CONSERVATION WORK IS DONE

*16 years later
Dated*

In 1975 the West Pottawattamie Soil Conservation District will have been in operation 31 years. In those years, most farmers will have recognized the fact that farming the conservation way is a necessary part of management in keeping the productive capacity of their farms high.

Cooperation between rural and urban groups will help promote watershed projects that will protect both rural and city property. Soil erosion problems and flooding damage will have been greatly reduced because land use adjustments and conservation practices have controlled run-off water.

This nation's population will have increased to 210 million. The food and clothing for those additional 20 million people will have to be produced from less acres than are now being used. It is estimated that 1 million acres of agricultural land will be taken out of agriculture and will be used for towns, cities, schools, highways, etc. The inventory at the local level helps to show how these demands can be met.

This summary of the Conservation Needs study, originally made in 1959, was compiled so that it would be in a more usable form.

The changes ~~as summarized~~ are greatly needed if this county is to keep up with the growing population and the growing demands on our land. All individuals, both town and country, have a stake in our agriculture because it means the very bread we eat.

The conservation Needs Committee of 1959 was composed of 37 farmers, agricultural leaders and business men who assisted in drawing the conclusions on these pages. They are:

W. H. Geise - Farmer
Earl Knickman - ASC Committee
Al Fiala - Farmer
Donald Bladt - SCD Commissioner
Lawrence Dittmer - Farmer
Louie Fahrenkrog - SCD Chairman
Francis Bell - Watershed Director
Oluff Larsen - Watershed Director
Edwin Klopping - Watershed Director
Harl Hough - Watershed Director
Eldon Ravlin - SCD Commissioner
Harvey Hansen - Farmer
Dick Goos - City Nat'l Bank
Tom Richman - CoBluffs Savings Bank
Roy Scofield - Feed & Seed Store
Lou Ross - CoBluffs Savings Bank
Oliver Hall - SCS
Bob Turner - City Nat'l Bank
Guy Draper - Co. Supervisor

Henry Johnk - Co. Supervisor
Henry Rodenburg - Co. Supervisor
John Anderson - Co. Supervisor
Ivan Olson - Co. Supervisor
Myron Speer - Conservation Officer
Mr. Barker - Supt. of Schools, Court Hse.
John Sprugel - Vo. Ag. Instructor
Gene Roe - Farm Bureau Fieldman
Bob Summy - Farm Bureau President
Herb Green - Chm. Extension Council
Cliff Johnson - Co. Ext. Director
Michael Miller - ASC
C.W. McManamy - Farm Editor, Nonpareil
Kenneth Alcorn - ASC Committee
John Hartwell - ASC Committee
Perry Thomas - SCS
Dick Hogue - SCS
Walter Weiss - SCS