



P.9




RIVER
BASIN
STUDIES









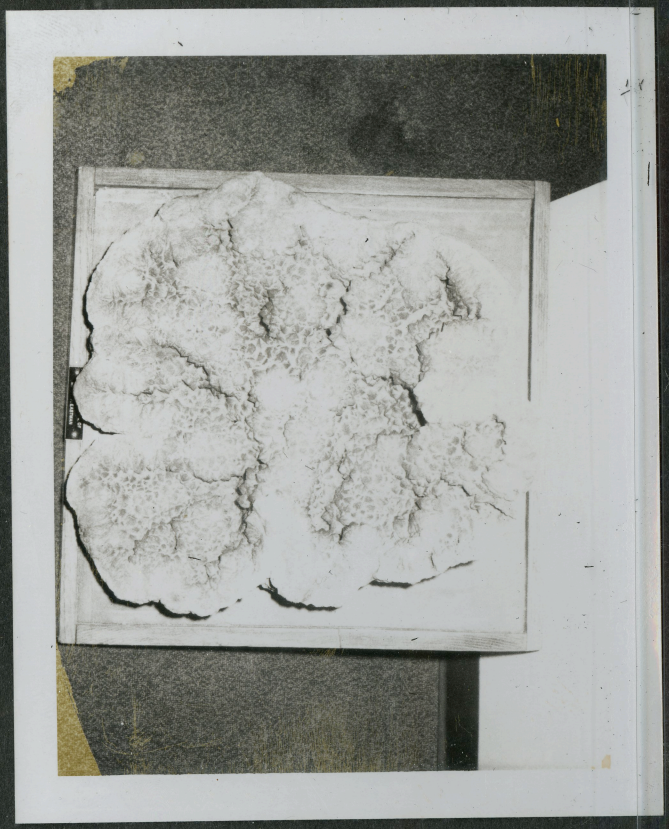












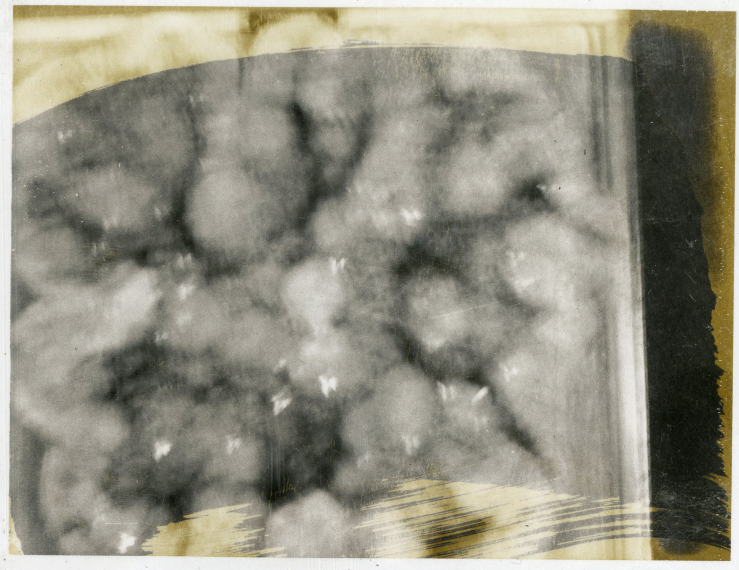





Henry
Dale Waters




















LETS
MAKE ONE
THING CLEAR
WATER
HOURS


THIS SERIES OF EDUCATIONAL
BOOKLETS AND LEAFLETS WERE
PUBLISHED BY THE TEXAS AIR
POLLUTION CONTROL BOARD
TO INFORM CONCERNED PUBLIC
OF THE NATURE AND SIZE
OF THE IMPACT.












CONFIGURATIONS of the ELEMENTS
DANGEROUS MATE




DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE




IOWA
OFFICIAL
ELECTION
for
Soil Conservation
District Commissioner
Authorized by
THE IOWA SOIL CONSERVATION
COMMITTEE







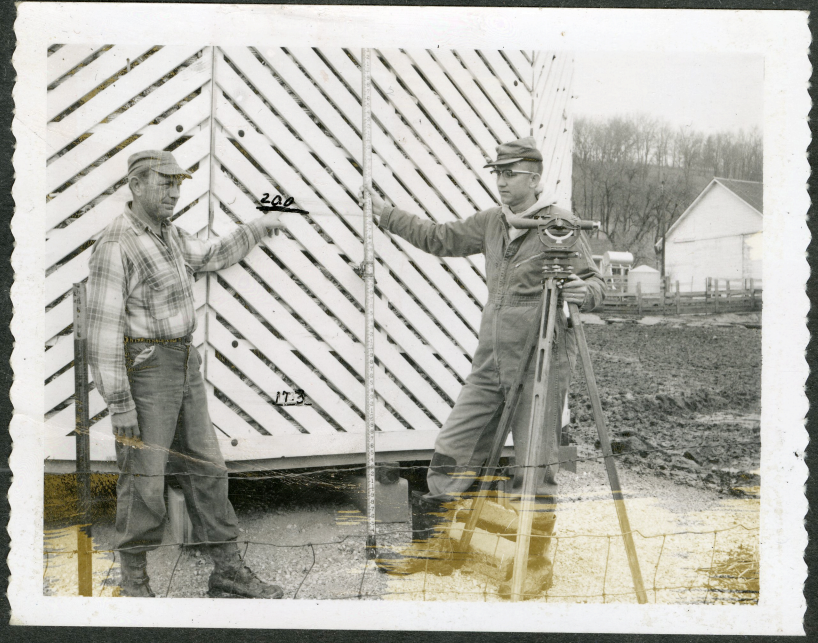

WORK UNIT GOALS

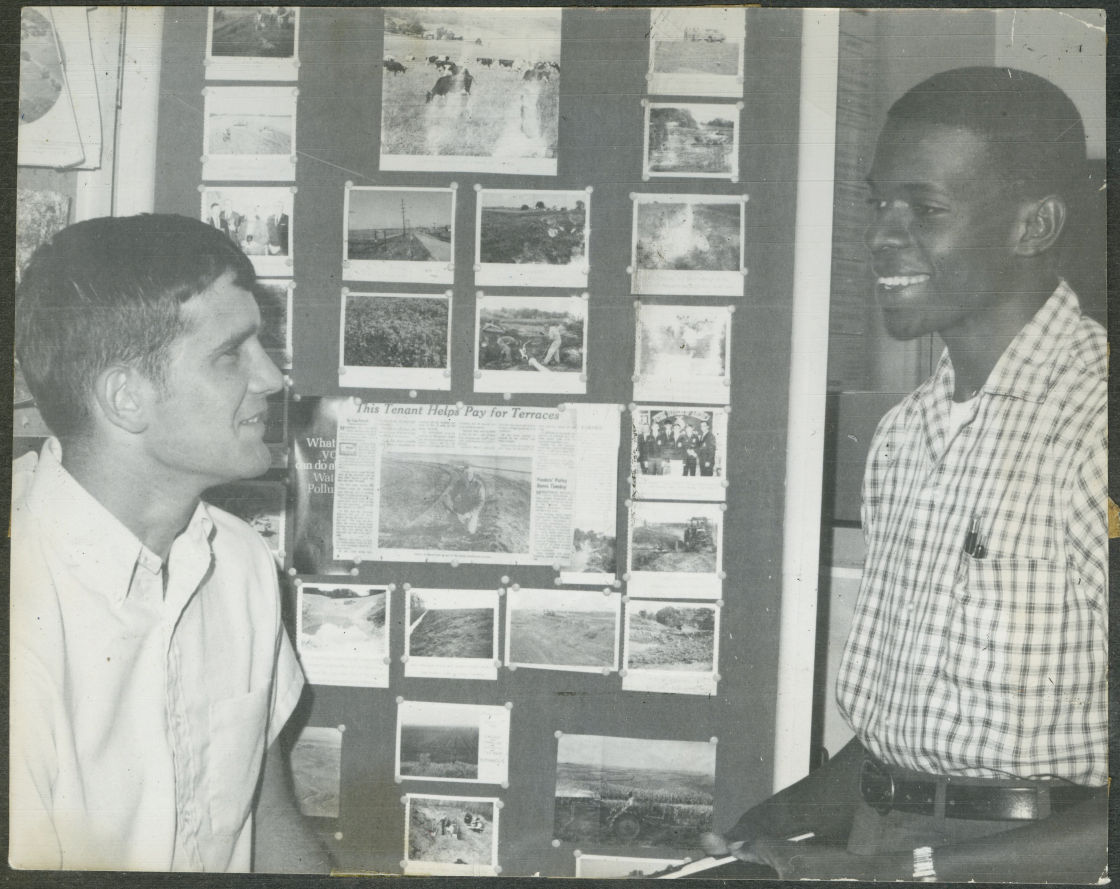







FOR GROWTH


200
173


This Tenant Helps Pay for Terraces






Ballot
BOX
OFFICIAL
ELECTION
Soil Conservation
District Commission




Backerd







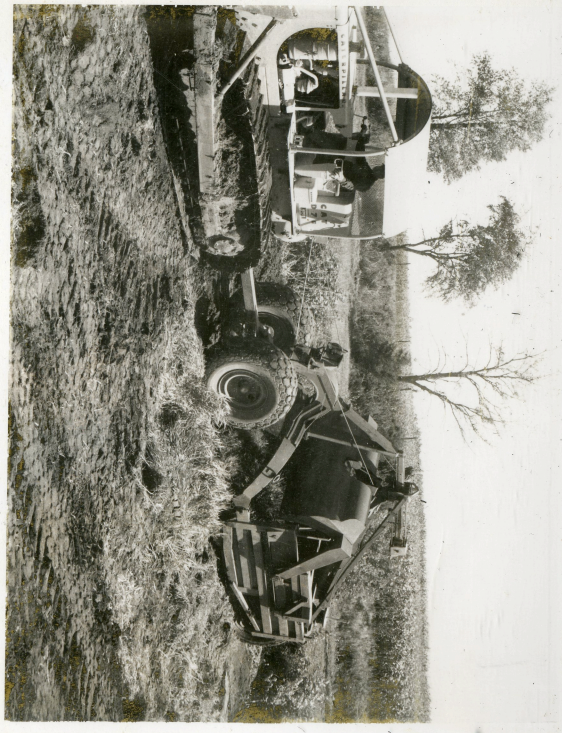


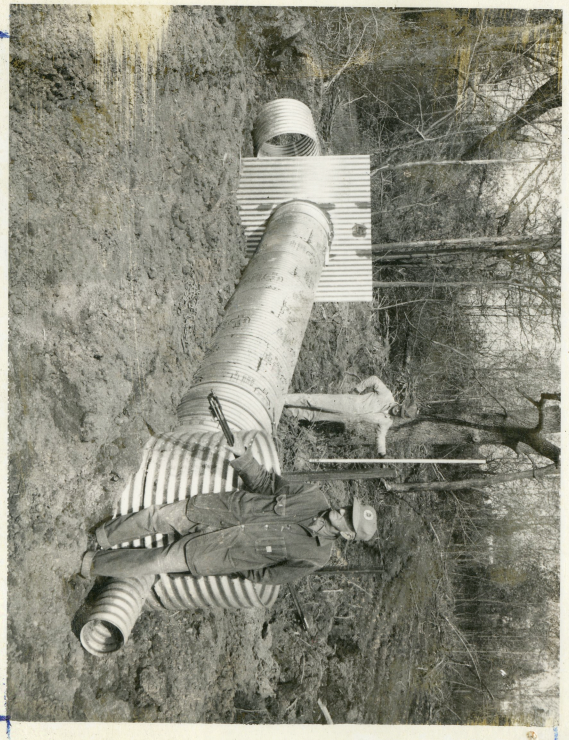


AUG 1963





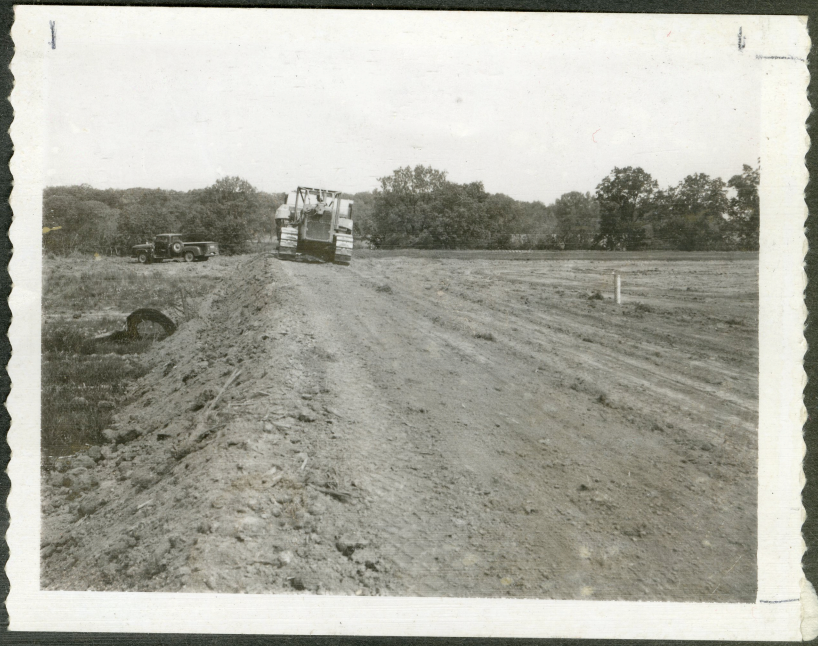















NAME Doug Cline
PLANTER AC + B.T.
DATE PLANTED MAY 23
POPULATION 23,000 Kind Ant/Acre
TEXTURE
INVESTMENT Conven. No-Till
Equipment (Acct Hrs)
Fuel
Herbicide
Labor
Total









JUNE 1961



MAR 68










CONSTRUCTION
PROJECT
JUL 63


Swift




AUG 63










1051


IOWA
MEDIAPOLIS

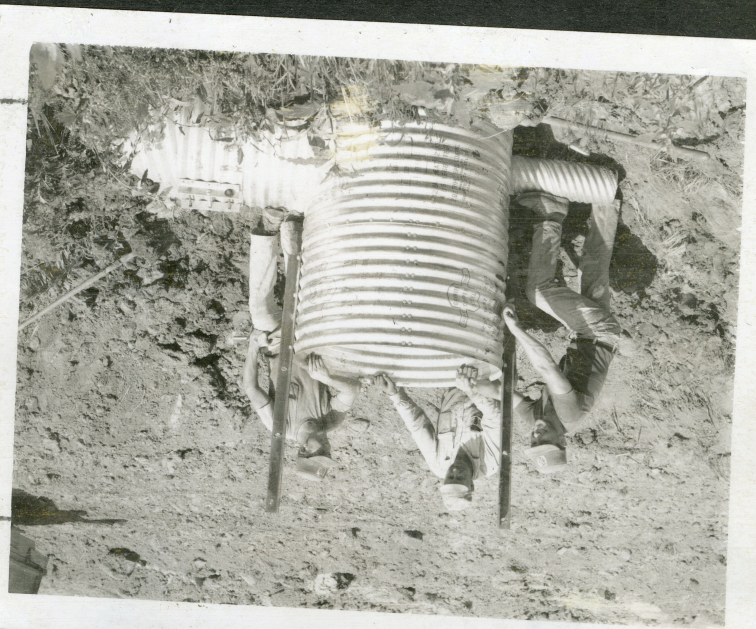

















FARMERS




























MAR • 68


MAR • 68


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MAR


MAR • 68



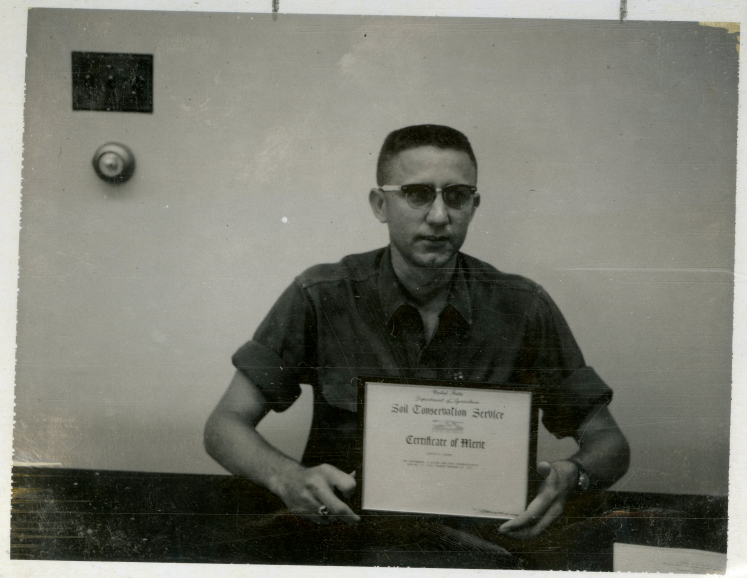








JUNE 1961


Soil Conservation Service
Certificate of Merit


JACK JACOBS












FUTURE FARMERS OF AMERICA








FUTURE FARMERS OF AMERICA










RAIL
ROAD
CROSSING
FOLLOW
ARROWS
NO
TRUCKS
24
HOUR
LIGHT

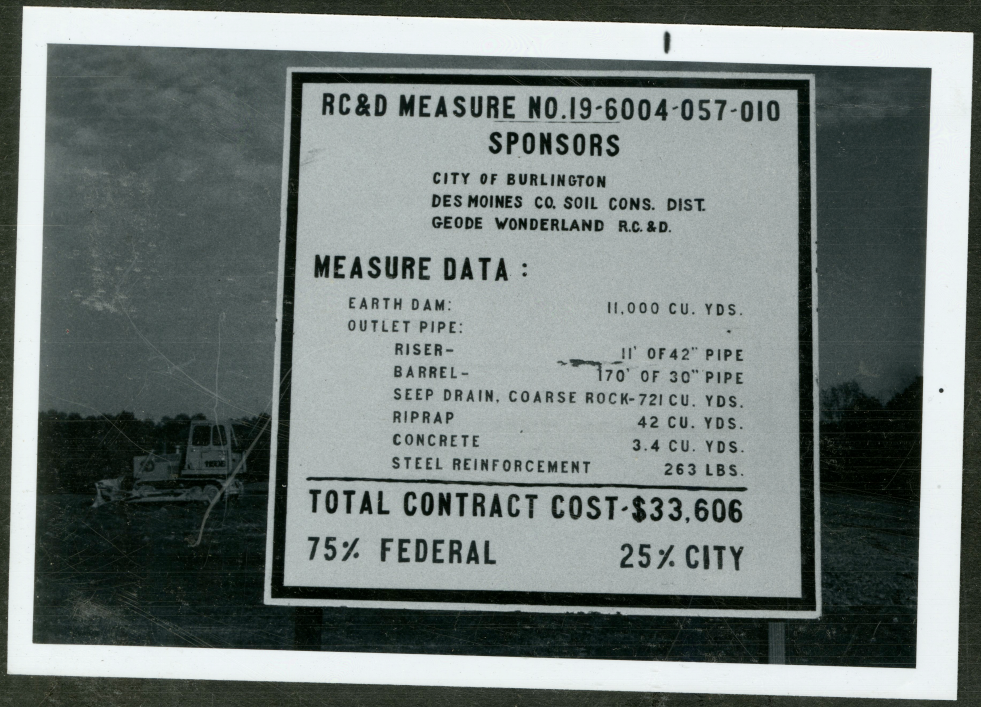











RC&D MEASURE NO.19-6004-057-010
SPONSORS
CITY OF BURLINGTON
DES MOINES CO. SOIL CONS. DIST.
GEODE WONDERLAND R.C.&D.
MEASURE DATA :
EARTH DAM: 11,000 CU. YDS.
OUTLET PIPE:
RISER- 11' OF 42" PIPE
BARREL- 170' OF 30" PIPE
SEEP DRAIN, COARSE ROCK- 721 CU. YDS.
RIPRAP 42 CU. YDS.
CONCRETE 3.4 CU. YDS.
STEEL REINFORCEMENT 263 LBS.
TOTAL CONTRACT COST-$33,606
75% FEDERAL
25% CITY

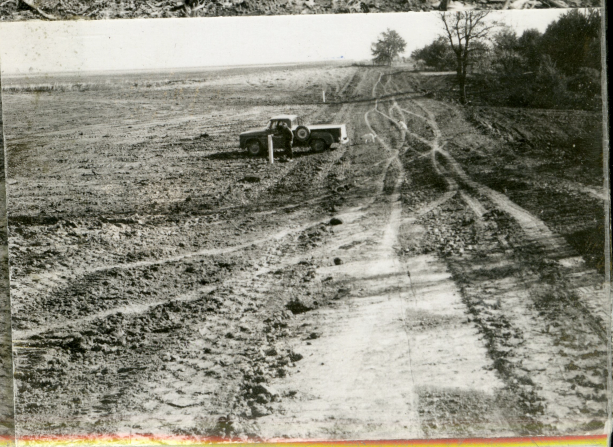





silo




silo




MAR • 68 •


Survey
Bob Jones
John Smith










MAR • 69


JAN 67


SLOW


JAN 67


CONSTRUCTION
AREA
HARD HATS
REQUIRED
BEYOND THIS POINT


• JAN 67


• JAN 67


• JAN 67




JAN 67

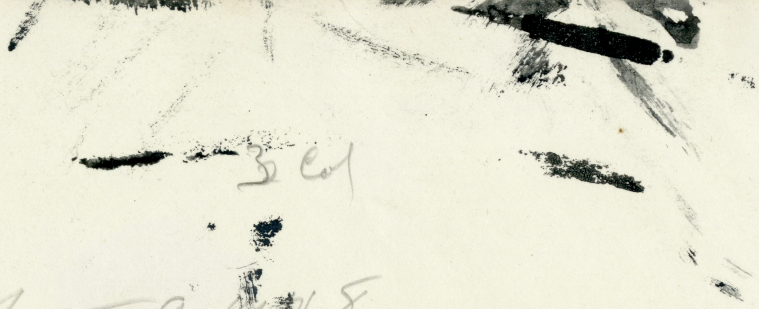

JAN 67


JAN 67









3 col

Sept 9, 1948

Plowing contest crowd on the
Olen Oberman farm looking west.

3 col

Des Moines-Louisa County

SOIL CONSERVATION

FIELD DAY

September 8, 1948



What Is Soil Conservation?

SOIL CONSERVATION is a program of wise land use. In it each acre is put to its best use and used to its best advantage. Such practices are established and such things added as are necessary to maintain fertility and hold the soil in place.

TODAY you are seeing only a part of what goes into a sound soil conservation program. These are for the most part, the mechanical things that can be demonstrated in the fall.

PROPER LAND USE includes a good rotation, the use of lime and fertilizer, drainage, erosion control practices and many other things that will maintain the soil in good condition and hold it in place.

SOIL DEPLETION and soil erosion are primarily problems of the man who owns the land, but in a larger sense, they are a community problem. Everyone in the community is affected by the farmer who fails to take care of his soil.

FOR MAXIMUM PRODUCTION over the longest time you need a sound soil conservation program on your farm.

SOIL CONSERVATION DOES NOT COST — IT PAYS.
SOIL DEPLETION AND SOIL EROSION COST.
SOIL IS THE BASIS OF IOWA'S WEALTH —
IT IS WORTH PROTECTING.

Program of Events

★ ★ ★

KEYNOTE SPEECH.....O. O. Waggener
Asst. Director Dept. of Industry and Agriculture
Burlington Railroad

MASTER OF CEREMONIES.....Dale Williams
Radio Station WOI, Ames, Iowa

9:00 A. M. Field events will start with the popping of 25 tractors.
Filling gullies and shaping waterways.
Building diversion terrace.
Plowing in ditches.
Filling gully with manure loaders.
Terracing with two-bottom plows, disc plow and whirlwind terracers.
Spraying of brush and trees in pasture.

(The sound truck will tour the various projects and explain the work in progress.)

10:00 A. M. Second tour of sound truck.

11:00 A. M. Contour plowing contest.

12:30 P. M. Pasture improvement demonstration.

1:30 P. M. Presentations and formal program.

2:30 P. M. Announcement of awards.

3:00 P. M. Final tour of projects to see the finished work.

★ ★ ★

THE FIELD DAY IS SPONSORED BY

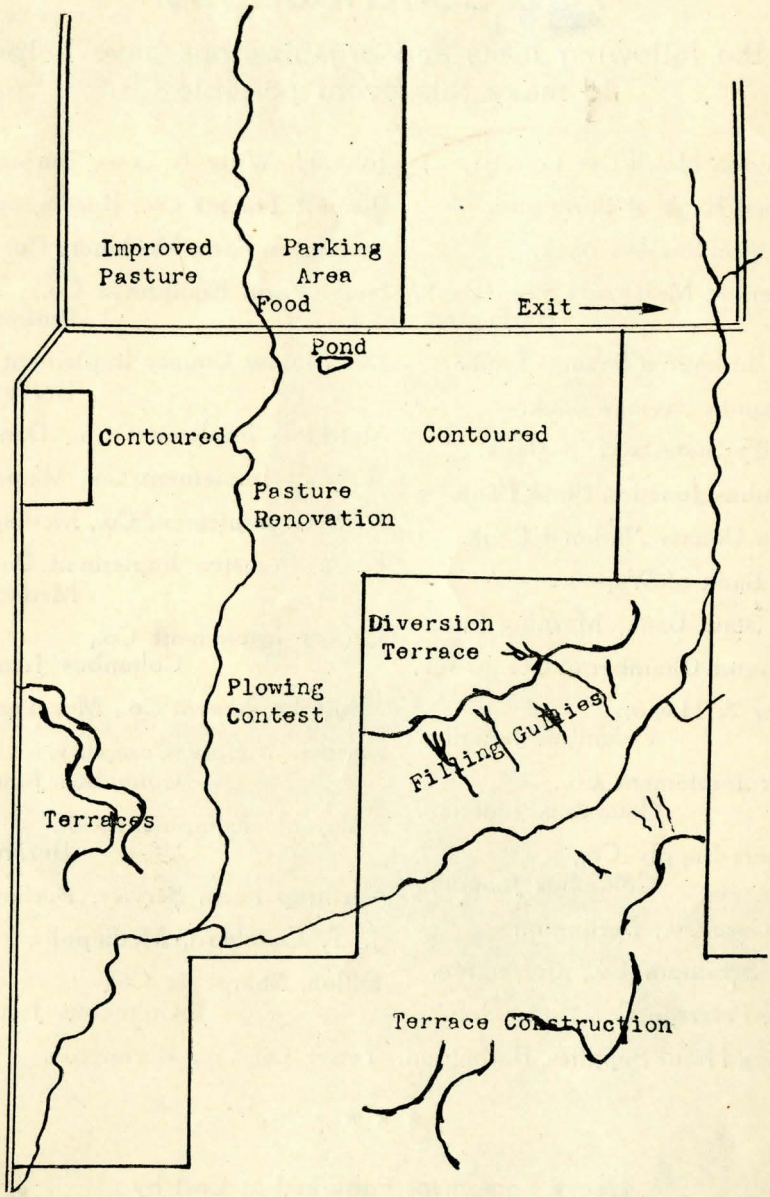
The Des Moines County Soil Conservation District,
The Louisa County Soil Conservation District,
The Burlington Hawk-Eye Gazette.

With the Assistance of

the Soil Conservation Service, the Extension Service, the Farm Bureaus of the two counties, Community Clubs of Columbus Junction and Mediapolis, Chamber of Commerce of Burlington, implement dealers, banks, business houses, KBUR, KWPC, newspapers and farm folks of Louisa and Des Moines Counties

in the Interest of Protecting Our Basic Resource — THE SOIL.

Diagram of Farms and Key to Events



The sponsors, owners and operators of land, owners and operators of equipment, and those assisting will not be responsible for injuries or damages to any person or property as a result of the projects or activities carried on as a part of this field day.

A Proper Land Use Program

★ ★ ★

1. Select the Proper Rotation —

The crop rotation should be designed to fit the field. A good rotation will build up the productivity of the soil, preserve its mellowness and maintain its fertility. The proper selection of crops in the rotation will help to meet nearly every land use problem.

2. Maintain Organic Matter —

Organic matter gives soil a good structure and improves its tilth. It provides food for plants and for bacteria essential for the production of plant food. It serves as a storehouse for nitrogen, available phosphorous, potash and other plant foods. Grasses and legumes in the rotation and all crop residues plowed under will help to maintain an adequate supply of organic matter.

3. Make Proper Use of Lime and Fertilizers —

A good legume is the foundation of a soil conservation program and a sweet soil is essential to get legumes. Use finely ground limestone to sweeten the soil. Continuous cropping and leaching removes essential food elements. These must be replaced through the use of commercial fertilizers, barn yard and green manures. Have your soil tested to determine its needs.

4. Drain Wet Areas —

Soil through which soil and air can move readily provide the best medium for the growth of crops. Wet areas are a crop hazard.

5. Apply Adequate Erosion Control Practices

If erosion is to be stopped you must establish barriers against it. Sheet erosion is reduced by contouring and by the use of cover crops. Strip cropping and terracing reduce runoff and slow running water to a walk. Gully erosion is prevented by establishing and maintaining good grass sod in watercourses. Contouring, strip cropping, terracing, and good grassed waterways hold the soil on the field where it belongs and prevents it being washed away and lost forever.

6. Establish Good Pastures and Meadows —

The production from low producing pastures can be greatly increased by the wise use of lime, fertilizer and the introduction of legumes. The amount of forage from the meadow acres can be increased by a wise selection of grasses and legumes. Meadows should be left down at least two years to insure good soil structure, increased organic content and high yields of meadow crops and the other crops in the rotation.

The Contributions

Of the following firms and organizations have helped to make this event possible

Burlington Hawk-Eye Gazette.

National Bank of Burlington

Burlington Savings Bank.

Farmers & Merchants Svgs. Bank, Burlington.

West Burlington Savings Bank.

Mediapolis Savings Bank.

Danville State Savings Bank.

Columbus Junction State Bank.

Louisa County National Bank.

State Bank of Wapello.

Iowa State Bank, Morning Sun.

Burlington Chamber of Commerce.

Weber & Huston, Columbus Junction.

Fisher Implement Co., Columbus Junction.

Farmers Supply Co., Columbus Junction.

J. I. Case Co., Burlington

J. S. Schramm Co., Burlington.

Riepe-Peterson Co., Burlington.

Bennett Home Supplies, Burlington.

John H. Witte & Sons, Burlington.

Bennett Tractor Co., Burlington.

Burlington Farm Machinery Co.

Siems Farm Equipment Co., Burlington.

Des Moines County Implement Co., Burlington.

Matthews Implement Co., Danville.

Wilson's Implement Co., Wapello.

K. & G. Implement Co., Mediapolis.

E. A. Bergsten Implement Co., Mediapolis.

Luckey Implement Co., Columbus Junction.

White Implement Co., Morning Sun.

Farmers Supply Company, Columbus Junction.

Sunnyside Equipment Co., Burlington.

Northrup Farm Service, Burlington.

J. T. Leonhard, Mediapolis.

Dillon, Sharpe & Co., Columbus Junction.

Yetter Oil Co., Burlington.

★ ★ ★

Heavy Equipment Furnished at Cost by

McBRIDE ENGINEERING CONSTRUCTION COMPANY, Inc.

JACK OBERMAN CYRUS FULLER

RULES
of Contour Plowing Contest

★ ★ ★

Entries are limited to Des Moines and Louisa Counties.

Each contestant shall provide his own tractor and plow. These must be standard equipment common to farms in the area and not equipment loaned especially for this contest by a firm or dealer.

Lands are slightly larger than half acre. Assignment of lands is by drawing.

Each contestant is allowed an assistant to remove stakes, and help make adjustments and repairs while equipment is not in motion. Only the contestant shall operate or make adjustments while in motion.

Each plow land will have a referee assigned to police it and keep spectators from hampering the contestant.

Scoring will be based upon the following items:

Opening or closing furrows	**20 points**
Adherence to contour	**15 points**
Waterway and land ends	**20 points**
Conformation of furrows	**15 points**
Trash coverage	**10 points**
Uniformity and eveness of width and depth	**20 points**

Prizes: $50.00, $30.00, $25.00, $20.00, $15.00, $10.00

The winner of this match or runner-up will be eligible to enter the district contour plowing contest to be held in Clinton County on September 13th, at which time a district representative will be selected to plow in the state contest, September 18th, at Dexter, Iowa.

★ ★ ★

We are especially indebted to the following farmers who have loaned their farms for this event:

John Blaul, Plon Oberman, Kenneth Redfern, and to Claude Oberman and Harvey Heibner for stand-by parking space.



Pictured above are members of the committee at their first meeting at the Field Day site, last July 1948. Left to right, Mel Shanda, Louisa County extension director; Herman W. Beck, Field Day chairman: Ray Audsley, Farm planter; Walter Eyre, Des Moines County extension director; C. W. Moody, Editor and Publisher of the Hawk-Eye Gazette; James D. Taylor, assistant in the extension office and Thomas L. Dyer, Finance chairman for the field day.


Coca-Cola

VERNON E. BROWN, JR.
Photographer
400 EISFELD BUILDING
BURLINGTON, IOWA

Sept. 9, Field day. Looking East toward food tent on Kenneth Redfern farm.



Soil Conservation Service
Burlington, Iowa.

Sept 1948 field day.
Drilling Sully on John Bland farm

3 of

Yetter

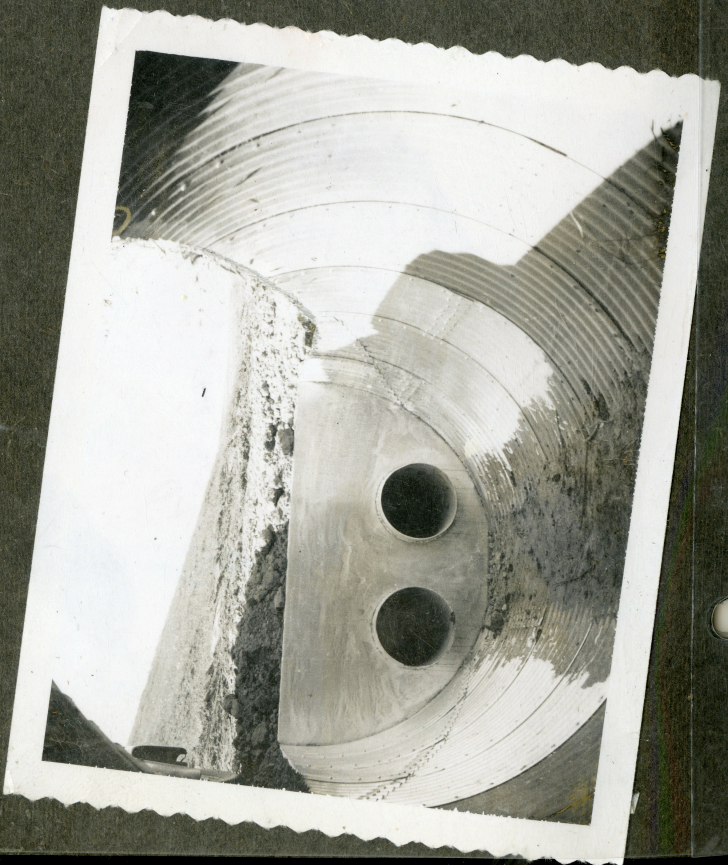


1948 Field Day

Looking Northeast from Olon Oberman's over Kenneth Redfern's farm (cars parked)









Soil conservation Service
Burlington Iowa

1948

(10)

Vic Siems, John Bland, backto front, Ray Audsley
Floyd Nutter, Walter Eyre, Jim Taylor (youth assistant)



Farm Institute Dinner - 1947or1948
Front - Mr. & Mrs. John Blaul
Back - Mr. & Mrs. fred Mathews,
Mr. & Mrs. Corliss Williams, Mr. & Mrs. Eugene Schulte

BECKMAN, HORACE SUTTON

Farm Institute Dinner

Dent, Mr & Mrs. John Blank,
Bach, Mr & Mrs. Fred Mathews
Mr & Mrs Carlos Williams
Mr & Mrs. Eugene Schultz

Probably 1940 or 1948



FIRST SOIL CONSERVATION DISTRICT MEETING IN FEBRUARY 1946 – JOHN BLAUL, EDWIN CLING, NOAH SCHROCK, FLOYD YETTER AND WALTER EYRE

Soil Conservation District
Burlington, Iowa

1/2 Cd

First Soil Commission Meeting
Feb. 1946

158

John Bland, Edwin Cling, Noah Schrock commissioners. Floyd Yetter, area conservationist (SCS) Walter B. Eyre, secretary, and county extension director.



HAROLD LINDER, JACK JACOBS, CLYDE SCHERER, SUSAN BALDWIN, WILLIAM VIERLING, RAY PILLING, BARBARA BONNETT, DWIGHT STUCKER, JOE BECKMAN, HORACE SUTTON











Sept 9, 1948.

Air view of Field day. Part of crowd and parking area. Obermann and Bedford.



Louisa – Des Moines Co. Field Day
Sept 9, 1948, Looking north and west over
headquarters food tent and Packing area.



AVAILABLE FOR RE-ORDER FROM NEAREST
BUREAU OF FED. SUPPLY, SUPPLY CENTER.
SPECIFY ITEM No. 53-B-11362