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1950

## Nebraska Record Book for Second Year 4-H Soil Conservation Club Member : Extension Circular Form 18-11-2

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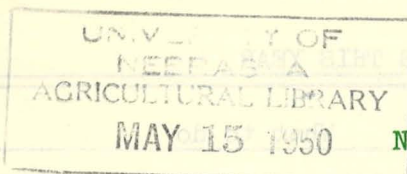
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E.C. 18-11-2

1950



Form  
18-11-2

Nebraska Record Book

for

SECOND YEAR

4-H SOIL CONSERVATION CLUB  
MEMBER



RECEIVED

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Name of Member \_\_\_\_\_

Post Office \_\_\_\_\_ County \_\_\_\_\_

Age \_\_\_\_ January 1, 19\_\_\_\_ Grade in school \_\_\_\_\_ No. Years  
Club Work \_\_\_\_\_

Name of Club \_\_\_\_\_

Project \_\_\_\_\_

Leader \_\_\_\_\_

Assistant Leader \_\_\_\_\_

PUT EVERY ACRE TO ITS BEST USE  
TREAT EVERY ACRE ACCORDING TO ITS NEEDS

---Keep a Good Record---

A good record will help you learn more from your project. Write things down when they happen. If you wait, you will forget something. Keep accurate information on planting dates and when tillage operations were performed. This may help in determining why you secured a good or a poor stand.

Take before and after pictures. Examples of before pictures: gullies, eroded fields, land needing drainage, fields before being irrigated, erosion around farmsteads, feedlots and farmstead before planting trees. After pictures: Take after changes have been made.

Keep this record book with your other conservation club records.

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS.  
UNIVERSITY OF NEBRASKA COLLEGE OF AGRICULTURE, AND THE UNITED  
STATES DEPARTMENT OF AGRICULTURE COOPERATING, W. U. LAMBERT,



PROPOSED PROGRAM OF THIS CLUB THIS YEAR .

Date	Place	What to do

Problem I

BUILDING A TERRACE WITH A MOLDBOARD PLOW

The requirement here is assist or observe building a terrace after seeing a terrace built, answer the questions below.

1. Did you use the "Island" method described in your manual? \_\_\_\_\_  
If not, describe the method used. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. What piece of farm machinery did you use? \_\_\_\_\_
3. How large was the tractor? \_\_\_\_\_ How fast did the tractor travel? \_\_\_\_\_.
4. How long did it take to build 100 feet of terrace? \_\_\_\_\_
5. How much did it cost to build 100 feet of terrace? \_\_\_\_\_  
Consider (1) Labor, (2) hourly hire for tractor and machinery. You will need to do some simple arithmetic to determine cost. For example: 560 feet of terrace was built. This is 5.6 hundreds of feet. Cost of labor was \$2.00; Machinery \$8.00. Total \$10.00. The answer is  $\$10.00 \div 5.6 = \$1.80$ .
6. After the terrace is built, score it according to the instructions on page 9 of your manual. Fill in the blanks below.
 

a. Back slope of channel _____ feet	d. Back slope of terrace ridge _____ feet
b. Channel _____ feet	e. Cross sectional area of channel _____ square feet
c. Front slope of terrace ridge _____ feet	f. Height of terrace ridge _____ inches



Problem II

FARMING TERRACED LAND

The requirement here is to do or assist with some of the farming operations on terraced land. In the space below briefly describe the farming you have done or assisted with on terraced land.

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Problem III

MAINTAINING TERRACES

The requirement for this problem is to do one of the following:

- A. Participate in a club problem of maintaining a terrace by plowing.
- B. Correct lows in terrace ridges and high points in channels.
- C. Repair the discharge end of the terrace.

Briefly describe below what you have done for this requirement.

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Problem IV

GRASS AND YOUR PASTURE

The requirement for this problem is to take part in planning a pasture rotation, or to help seed five acres of permanent pasture. Describe what you did. Make a diagram if it will help.

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Year



The requirement is to take part in the club demonstration on page 28 of your manual or to assist in a stubble mulch farming program on your own farm. If you can, do both of these.

Plot with Mulch	Bare Plot
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
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87	87
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89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

2. Describe below the stubble mulch farming with which you assisted. Include machinery used, time of year, and how successful you think the stubble mulch program was.

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Problem VII

YOUR CONSERVATION FARM OR RANCH PLAN

You are to discuss and take a tour if possible of a farm using a conservation plan. From this you will get some ideas about your own farm.

Make a diagram of your home farm before any conservation practices were applied. Show field arrangement. Indicate number of acres in each field.

Plot with  
Match

a. Time application was started

b. Time runoff starts

c. Calculate number of minutes from time started until runoff starts

d. Volume of water applied when runoff starts

e. Total volume of runoff at end of dam-

f. Calculate

Volume of water applied

Volume of water runoff

Volume of water absorbed by soil

Now make a diagram showing your farm as it would look with a complete conservation plan in effect. Use green pencil for approved practices already in effect and red pencil for those that are planned.

2. Describe below the stubble which farming with which you assisted. Include machinery used, time of year, and how successful you think the stubble which program was.



Describe below what happened on your club tour and the achievement day. Either one or both.

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Enter the record of all money you spend for seed, trees, work, and materials used.

[illegible]

Total Expenses . .

CHECK THE FOLLOWING THAT YOU HAVE COMPLETED.

- I. Assist or observe building of a terrace.  
Take part in scoring a terrace.
- II. Assist with farming operation on terraced land.
- III. Do one of the following:
  - A. Participate in a club problem of maintaining a terrace by plowing.
  - B. Correct lows in terrace ridges and high points in channels.
  - C. Repair the discharge end of the terrace.



- IV. Do one of the following:
- A. Assist in planning a pasture program for your farm using warm and cool season grasses, supplemental feed and temporary pasture.
  - B. Assist in preparing and seeding 5 acres permanent pasture.
  - C. Set up a system of rotational grazing on your farm.
  - D. Take part in Grass identification contest.
- V. Do one of the following:
- A. Assist in setting out farm windbreak.
  - B. Help care for windbreak.
- VI. Do one of the following:
- A. Assist with stubble mulch demonstration.
  - B. Assist with stubble mulch farming at home.
- VII. Make conservation plan diagram of your home farm.
- VIII. Attend club tour or Achievement Day.

### MY 4-H ACTIVITIES IN THIS PROJECT

Offices I held \_\_\_\_\_

My club held \_\_\_\_\_ meetings. I attended \_\_\_\_\_ meetings.

The club met at my home \_\_\_\_\_ times.

(Check activities in which you took part and tell more about them in your story.)

I led in group singing \_\_\_\_\_, games \_\_\_\_\_, group discussions \_\_\_\_\_, secured \_\_\_\_\_, new members, took part in: health improvement \_\_\_\_\_, health examination \_\_\_\_\_, 4-H picnic \_\_\_\_\_, 4-H tour \_\_\_\_\_, prize trip \_\_\_\_\_, 4-H camp \_\_\_\_\_, conservation camp \_\_\_\_\_, judging day \_\_\_\_\_, demonstration day \_\_\_\_\_, song contest \_\_\_\_\_, showmanship \_\_\_\_\_, dress revue \_\_\_\_\_, other 4-H events \_\_\_\_\_

### MY DEMONSTRATION RECORD

Individual		Team	
Where Held	Placing	Where Held	Placing

### MY EXHIBITION RECORD

Individual		Team	
Where Held	Placing	Where Held	Placing

We have read and approved this report:

Parent \_\_\_\_\_

Leader \_\_\_\_\_

Agent \_\_\_\_\_