Boys' and Girls' Club Work : Corn Club Home Record Book

South Dakota State University Cooperative Extension

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YS' AND GIRLS' CLUB WORK

Home Record Book

CORN CLUB

Member's Name

Post Office R. F. D.

County Township

EXTENSION DIVISION

South Dakota State College of Agriculture and Mechanic Arts and U. S. Department of Agriculture, cooperating

C. Larsen, Director

JUNIOR EXTENSION WORK

J. Scarbro ............ State Club Leader
Dunne .......... Assistant State Club Leader
Haynes .......... Assistant State Club Leader
Rongstad .......... Assistant State Club Leader

Brookings, S. Dak.
Brookings, S. D.

Dear Club Member:—

The raising and improvement of corn in South Dakota is one of the big jobs for the boys and girls of the state. You will find the work very interesting if you will make a study of the work. Many are satisfied to just raise corn and pay no attention to soil or climatic conditions, the breeding of seed for different districts, cultivation, seed selection, testing, and storing. These are a few things for you to study.

Do you think 45 bushels is a good yield? The average in the state for 1917 was 29 bushels. Did you like the picture of the boy and his corn on the corn club circular? This plot of corn yielded at the rate of 81 bushels per acre. His name is Harold C. Larsen, son of Director Larsen of the Extension Division. You will see by this that the following of the proper methods of raising corn gets wonderful results. Who will be State Corn Club Champion of 1919 and what will be his yield per acre?

Cordially yours,

PAUL J. SCARBRO,
State Club Leader.
**REGULATIONS**

1. Any junior between the ages of 10 and 18 years may enter.

2. Enrollments close May 1.

3. A club shall consist of not less than five members and local leader.

4. Each member shall plant not less than one acre.

5. Not more than one breed of corn shall be planted by a club member.

6. Letters of instruction will be sent to each member regarding the testing of seed corn, preparation of the ground, planting, care, selection and care of seed and selection for exhibit purposes.

7. Periodical reports are to be made as called for by State Club Leader.

8. Each member does his work, follows instructions, keeps a good record and writes a story of his work prior to the closing of the project.

9. An exhibit shall consist of ten ears.

10. An exhibit will be held in each county or for each club to determine the exhibits eligible to entry at the State Corn and Grain Show.

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**BASIS OF ACHIEVEMENT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Yield per acre</td>
<td>40%</td>
</tr>
<tr>
<td>Profit</td>
<td>25%</td>
</tr>
<tr>
<td>Exhibit (10 ears)</td>
<td>15%</td>
</tr>
<tr>
<td>Best kept record book</td>
<td>10%</td>
</tr>
<tr>
<td>Best written story</td>
<td>10%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
FIRST REPORT, APRIL 15

1. What kind of corn will you plant? ..

2. Is it pure bred corn? ..

3. Where did you secure this seed? ..

4. What did you pay for it? ..

5. Was it picked last fall before frost? ..

6. Have you ear tested it yet? ..

7. What method of testing did you use? ..

8. How many ears did you test? ..

9. How many kernels did you take from each ear? ..

10. How many ears tested 100%? ..

11. Remember only 100% ears should be used in your plot.

12. How many ears were dead? ..

13. What was the per cent test of all ears? ..

14. Does your father ear test all of his seed corn? ..

15. Do you do this work for him? ..

Remember that it takes about 25 to 30 ears tipped and butted to plant an acre.

Fill out and mail a copy of this report to your County Agent, Club Leader or Paul J. Scarbro, State Club Leader by April 15. A blank will be sent you for this report.
SECOND REPORT, JUNE 15

1. How many acres are in your corn plot?

2. Is your soil sandy, clay loam, bottom or up-land?

3. What crop was grown on this land last year?

4. Was the ground plowed last fall or this spring?


6. How many times did you harrow ground before planting?

7. When did you plant your corn?

8. How many times did you harrow before corn came up?

9. How many times did you harrow after corn came up?

10. When did you plow it the first time?

11. What kind of a plow did you use?

12. Is there three stalks of corn in every hill in your acre?

13. Was it necessary to replant?

14. How many bushels do you expect to raise in this acre?

Surface cultivation is the best after the first plowing. Keep a good dust mulch to conserve moisture. Remember you cannot raise a good crop of corn and a crop of weeds at the same time.

Fill out and mail a copy of this report to your County Agent, Club Leader or Paul J. Scarbro, State Club Leader, by April 15. A blank will be sent you for this report.
THIRD REPORT SEPT. 15

1. How many times did you plow your corn?

2. When did you lay it by?

3. Did you cut the tassels of every other row of your plot?

4. How many bushels of seed corn did you pick?

5. When did you hang it up to dry?

6. Where will you keep it this winter?

7. Did you pick this corn before frost?

8. How many bushels of seed corn will you have to sell?

9. How much is it worth per bushel?

10. How many bushels will you keep?

Pick your seed corn as soon as the kernels are dented. Be sure and pick before the corn is frosted. Read “Points to Remember” in your corn circular.

Fill in and mail a copy of this report to your County Agent, Club Leader or Paul J. Scarbro, State Club Leader by Sept. 15. A blank will be sent you for this report.
FOURTH AND FINAL REPORT
NOVEMBER 15

Cost, Yield and Profit. Figure rent of acre in district one at $6.00; district two at $4.50 and district three at $3. Barnyard manure, $1 per ton. For yourself and team, plowing, $1 per acre, harrowing, 10c, planting 15c, cultivating 25c. Picking corn 5c per bushel.

(Cost)

2. Cost of rent of acre? ............. $ ............... .
3. Cost of manure? .............. tons ... $ ............... .
6. Cost of harrowing? No. of times
   ........................................................................ $ ............... .
7. Cost of cultivating? No. of times
   ........................................................................ $ ............... .
8. Cost of picking? No. of bushels
   ........................................................................ $ ............... .

   Total cost .................. $ ............... .

(Returns)

1. No. of bushels of common corn ..............bu.
2. Value at $ ............... per bu? .... $ ............... .
3. No. of bushels of seed corn .... $ ............... .
4. Value at $ ............... per bu? .... $ ............... .

   Total profit .................. $ ............... .

Cost of raising one bu. of corn? .... $ ............... .

(Divide total cost by No. of bu. raised)

Fill out and mail a copy of this report to your County Agent, Club Leader or Paul J. Scarbro, State Club Leader by Nov. 15. A blank will be sent you for this report.
Corn Districts in South Dakota

District 1. Southern.—
All counties south of the line dividing Lincoln and Minnehaha, running west to include Gregory and Tripp.

District 2. Central.—
Adjoining district 1 on the north for two tiers of counties, taking in Lyman.

District 3. Northern.—
The remainder of the state.

Which district do you live in?..........................
VARIETY CHARACTERISTICS

Subspecies .................................................................

Color of Cob ........................................................................

Color of Grain .....................................................................

Dent, Deep or Shallow .......................................................... 

Kernel, Round, Square or Wedge Shape ................................... 

Commercial Class ...................................................................

Ideal Length ...........................................................................

Ideal Proportion Corn to Ear .................................................. 

<table>
<thead>
<tr>
<th>Points to Consider</th>
<th>Perfect Score</th>
<th>Number of Samples</th>
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</thead>
<tbody>
<tr>
<td>Uniformity of Ears</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Shape of Ear</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Color of Grain</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Color of Cob</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Tips of Ears</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Butts of Ears</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Length of Ears</td>
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<td></td>
</tr>
<tr>
<td>Circumference of Ears</td>
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<td></td>
</tr>
<tr>
<td>Uniformity of Kernels</td>
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<tr>
<td>Shape of Kernel</td>
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<td>Space between Rows</td>
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<tr>
<td>Space between Kernels and Cob</td>
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<tr>
<td>Seed and Market Condition</td>
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</tr>
<tr>
<td>Proportion Corn to Ear</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Total Score ..................... 100