CROPS RECORD SHEET AND SUMMARY

CROP ____________________________

____________________________________ 19____

NAME ______________________________ ADDRESS ________________________

1. Description of Field
   a. Size of field______________________ acres________
   b. Kind of soil (texture)__________________________
   c. Topography        ☐ level ☐ rolling ☐ hilly
   d. Drainage          ☐ good ☐ fair ☐ poor

2. Previous Crops Grown
   a. Last year ____________________________
   b. 2 years ago __________________________
   c. 3 years ago __________________________

3. Soil Test Report from Soil Lab
   a. pH ________________________________
   b. P₂O₅ □ high ☐ medium ☐ low
   c. K₂O □ high ☐ medium ☐ low
   d. Would crops be benefited by the use of lime? □ yes □ no

4. Fertilizer Used
   a. Loads of barnyard manure per A._______________
   b. Commercial fertilizer broadcast.
      _______ lbs. per A. Analysis ____________________
   c. Commercial fertilizer in the row.
      _______ lbs. per A. Analysis ____________________
   d. Commercial fertilizer side dressing.
      _______ lbs. per A. Analysis ____________________

5. Preparation of Soil
   a. Date of soil preparation ______________________
   b. Kind of fitting tools used ______________________
   c. Did you try to use minimum tillage? □ yes □ no

6. *Condition of the Soil at Planting Time? __________

7. Seed
   a. Variety ________________________________
   b. Was certified or hybrid seed used? □ yes □ no
   c. Was seed treated for disease? □ yes □ no
   d. If treated what chemical was used?

   Was the seed tested for germination? □ yes □ no __________ %

8. Planting
   a. Amount of seed used per A?____________________
   b. Date of planting _____________________________
   c. Row crops—distance between rows________________
      —spacing in rows _____________________________
   d. If potatoes, was seed cut? □ yes □ no
   e. Would your drill keep the fertilizer away from the seed?

9. Stand
   a. Did you get a good stand? □ yes □ no
   If not, what happened? ____________________________________________

   b. Population (corn) ____________________________

10. Cultivation
    a. No. times cultivated __________
    b. No. times hoed __________
    c. Were chemical weed killers used? □ yes □ no
    d. If used, indicate kind, amount and when applied.

    ___________________________________________________________________

    e. Did this kill the weeds? □ yes □ no

11. Insects and Diseases
    a. What were your major insect & disease problems?

    ___________________________________________________________________

    b. Treatments to control them.

    ___________________________________________________________________

    c. No. of times sprayed __________
      Materials used _____________________________
    d. No. of times dusted __________
      Materials used _____________________________

12. Harvesting
    a. Date of harvesting _________________________
    b. Method of harvesting _________________________
    c. Total yield _____________________________
    d. Yield of Marketable Crop __________________
    e. Average yield per Acre _____________________
    f. Major harvesting problems ___________________
Financial Statement

If this project is a joint program between the 4-H member and the parent, then indicate share of income and expenses for each.

Use suggested rates per acre for machinery charges.

<table>
<thead>
<tr>
<th>Expenses</th>
<th>Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member</td>
<td>%</td>
</tr>
<tr>
<td>Parent</td>
<td>%</td>
</tr>
</tbody>
</table>

1. Receipts

Yield of crop ___________ bu. cwt., T @ $ ___________ per unit

$ ___________ $ ___________ $ ___________

Prizes (list) ____________________________________________________

$ ___________ $ ___________ $ ___________

Others (specify) ________________________________________________

$ ___________ $ ___________ $ ___________

Total Receipts

$ ___________ $ ___________ $ ___________

2. Production Expenses

Rent of land—use local cost per acre ........................................ $ ___________ $ ___________ $ ___________

Cost of seed and treatment ..................................................... $ ___________ $ ___________ $ ___________

Cost of chemicals, weed, disease & insect control ..................... $ ___________ $ ___________ $ ___________

Cost of commercial fertilizer .................................................. $ ___________ $ ___________ $ ___________

Labor charge

Club member ______ Hrs. @ ___________

$ ___________ $ ___________ $ ___________

Adult ______ Hrs. @ ___________

$ ___________ $ ___________ $ ___________

(use local labor rates)

Tractor operating charges ...................................................... $ ___________ $ ___________ $ ___________

Other machinery charges—see note below .................................. $ ___________ $ ___________ $ ___________

Cost of custom work hired ...................................................... $ ___________ $ ___________ $ ___________

Total Expense

$ ___________ $ ___________ $ ___________

Profit or loss (value less cost)

Note: Suggested Rates for Machinery Charges—Refer to MSU Bulletin E-0458, Rates for Custom Work in Michigan

Fertilizer Recommendations—Refer to MSU Bulletin E-0550, Fertilizer Recommendations

Project Story: Describe your experiences in completing this crops project.

(Use a separate sheet of paper if necessary.)