

White County Crops Record

Intermediate- Grades 6-8

Record for year _____

Pages may be added to the end of this document if more space is needed.

Corn _____ Soybeans _____ Small Grains _____ Hay/Alfalfa _____

Name: _____

Grade (as of Jan. 1) _____ Years in Project _____

Club: _____

Leader Signature _____

Crops Records

1. How many acres are in the 4-H Project crop field? _____

2. Who farms this field? _____ How did you help? _____

3. What type of tillage was utilized to prepare the field for planting? _____

4. What date was the crop planted? _____

5. What hybrid or variety was planted? _____

6. How many pounds of seed(s) were planted per acre? _____

7. What do the following initials and numbers represent?

N _____ P_2O_5 _____ K_2O _____

8. Is nitrogen used as a herbicide, insecticide, or fertilizer? _____

9. Is P_2O_5 used as a herbicide, insecticide, or fertilizer? _____

10. Was livestock manure applied to this field? _____ If yes, what type of manure was utilized?

If no, list the types of fertilizer used _____

Field Survey

To complete this survey, visit your field three different times and fill in the blanks as outlined below:

| | Survey 1 (Early Season) | Survey 2 (Mid-Season) | Survey 3 (Just Before Harvest) |
|--|----------------------------|--------------------------|-----------------------------------|
| Date | _____ | _____ | _____ |
| Crop Description | _____ | _____ | _____ |
| Number of Leaves Per Plant (Average of 10 Plants) | _____ | _____ | _____ |
| Plant Height (Average of 10 Plants) | _____ | _____ | _____ |

Insects Present: Write down the kinds of insects and how many you find.

| Insect Name | Number (Survey 1) | Number (Survey 2) | Number (Survey 3) |
|-------------|-------------------|-------------------|-------------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Weeds Present: Write down the kinds of weeds and how many you find.

| Weed Name | Number (Survey 1) | Number (Survey 2) | Number (Survey 3) |
|-----------|-------------------|-------------------|-------------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Health Problems: Write down the kinds of problems you see and the number of plants with problems (spots, stripes, holes, yellowing, falling over, rotting).

| Problem | Number (Survey 1) | Number (Survey 2) | Number (Survey 3) |
|---------|-------------------|-------------------|-------------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

Financial Record

Expenses

| | \$ Per Acre | x | # of acres | = \$ |
|----------------------|-------------|---|------------|-------|
| Field* | _____ | | _____ | _____ |
| Power and Machinery* | _____ | | _____ | _____ |
| Fertilizer Costs | _____ | | _____ | _____ |
| Seed Costs | _____ | | _____ | _____ |
| Chemical Costs | _____ | | _____ | _____ |
| Other _____ | _____ | | _____ | _____ |

| | | | | |
|------------------------------------|-------|---|-------|----------|
| <i>Sales</i> (you may estimate) | Yield | x | Price | = \$ |
| | _____ | | _____ | _____ |
| Actual or Projected income or loss | | | | \$ _____ |

*You may use your parents' land or machinery. Enter the rental rates in the "field" and "power and machinery" blanks.