

Wabash County 4-H Crops Record Sheet

Level 2: Grades 6-8

Name _____ Grade (as of Jan. 1) _____

Club _____

Leader's Signature _____

Please place a check beside the project(s) you are taking:

Corn _____ Alfalfa or mixed hay _____ Wheat _____

Oats _____ Soybeans _____

Crop 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 or seeds were planted per acre? _____
7. What do the following initials and numbers represent?
N _____ P₂O₅ _____ K₂O _____
8. Is nitrogen used as an herbicide, insecticide, or fertilizer? _____
9. Is P₂O₅ used as an herbicide, insecticide, or fertilizer? _____
10. What type of fertilizer was applied to this crop?
 - a. Was livestock manure applied to this field? _____
 - b. If yes, what type of manure was utilized? _____
 - c. Other than manure, list the types of fertilizer used. _____

Field Survey

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

	Survey 1 (early season)	Survey 2 (mid-season)
Date	_____	_____
Crop description	_____	_____
Number of leaves per plant (average 10 plants)	_____	_____
Plant height (average 10 plants)	_____	_____

Insects present: Write down the kinds of insects and numbers you find.

Insect name	Number	Number	Number
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Weeds present: Write down the number of weeds you find in 10 feet of row. For broadcast plantings use a 1 by 10 foot area.

Weed name	Number	Number	Number
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

Problem	Number	Number	Number
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Financial Record

Expenses

	\$ per acre	x	# of acres	
Field *	_____	x	_____	= \$ _____
Power and machinery *	_____	x	_____	= \$ _____
Fertilizer costs	_____	x	_____	= \$ _____
Seed costs	_____	x	_____	= \$ _____
Chemical costs	_____	x	_____	= \$ _____
Other _____	_____	x	_____	= \$ _____

Sales (You may estimate)

yield	x	price	
_____	x	_____	= \$ _____

Actual or Projected Income or Loss

\$ _____

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