

4-H Crops Record Sheet

Advanced: Grades 9-12

Name _____ Grade (as of Jan. 1) _____

Club _____

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

Corn _____ Alfalfa or mixed hay _____ Wheat _____

Oats _____ Soybeans _____

Brand and type of seed used: _____

Your Crop Production Practices

1. Tillage

Date	Type of tillage	Depth	Other notes
_____	_____	_____	_____
_____	_____	_____	_____

2. Planting Record (Record as appropriate)

Date Planted	Hybrid or variety	Germination	Seeds planted	Depth planted	Row width	Final Population
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

3. Chemicals Applied (Herbicides, insecticides, etc.)

Date	Chemical formulation	Rate	Method of application
_____	_____	_____	_____
_____	_____	_____	_____

4. Fertilizer Applied

Pounds of nutrient applied per acre:					Type of fertilizer (NH, 45%, etc.)	Method of application (surface plowdown, etc.)
Date Applied	N	P ₂ O ₅	K ₂ O	(micro., lime, etc.)		
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

5. What crop pests did you notice in your field?

- a. weeds: _____

- b. insects: _____

- c. diseases: _____

- d. other (example: mites, nematodes or deer): _____

6. What pesticides were utilized to control pests in this field?

- a. Herbicide(s) used to control weeds: _____
- b. Insecticide(s) used to control insects: _____
- c. Other (example fungicide or miticide): _____

7. Have crop pests significantly lowered crop yield? _____

8. Was the weather favorable for your crop this year? _____

9. Weather information:

- a. Soil temperature at planting: _____
- b. Were the soil conditions too dry, too wet, or appropriate when the field was tilled _____ and when the crop was planted? _____

- c. How many inches of rain have fallen on this crop through harvest or when this record sheet was filled out? _____
- d. Would you describe air temperature as being too cool, too warm, or appropriate for this crop?

- e. If poor weather has reduced crop yield, describe how it impacted the growth and development of this crop.

- f. Was this crop irrigated? _____ What type of irrigation system was utilized? _____

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.