

Noble County 4-H Crops Record Sheet

Advanced: Grades 9-12

Name _____ Grade (as of Jan. 1) _____

Club _____

Leader's Signature _____

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

Corn _____ Alfalfa _____ Wheat _____
Oats _____ Soybeans _____ Mixed Hay _____

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		Method of application
Date Applied	N	P ₂ O ₅	K ₂ O	(micro., lime, etc.)	(NH, 45%, etc.)	(surface plowdown, 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.