

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:

Date	Type of fertilizer	Method of application
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

<u>Expenses</u>	\$ per acre	x	# of acres	=	\$
Field *	_____	x	_____	=	\$ _____
Power and machinery *	_____	x	_____	=	\$ _____
Fertilizer costs	_____	x	_____	=	\$ _____
Seed costs	_____	x	_____	=	\$ _____
Chemical costs	_____	x	_____	=	\$ _____
Other _____	_____	x	_____	=	\$ _____
<u>Sales</u> (You may estimate)	yield	x	price	=	\$ _____
	_____	x	_____	=	\$ _____
<u>Actual or Projected Income or Loss</u>				=	\$ _____

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