

NAME _____ COUNTY _____ CLUB _____

YEAR _____

Illinois 4-H Crops and Soils Record

Circle the unit in which you are enrolled. Use a separate record for each unit.

CORN

SMALL GRAINS

SOYBEANS

Number of years in Crops and Soils Project _____

Division in which are you enrolled (circle one): I II III IV

Complete your project plan below after discussing ideas with your parents and your 4-H Crops and Soils Project leader. See your 4-H member's booklet for ideas, and add your own ideas as well.

Exercise number	Date you expect to start	People who will help you (parents, 4-H project leader, etc.)	The most interesting part of the exercise

Exhibit (describe what you exhibited and where)

Talk or demonstration (describe what you demonstrated and where):

Parent: What do you feel your child learned from this project

Project leader: What do you feel this member learned from this project

Weather

Describe the effects of any weather condition that may have influenced production of your crop

Total monthly precipitation:

Jan _____ Feb _____ March _____ April _____
 May _____ June _____ July _____ Aug _____
 Sept _____ Oct _____ Nov _____ Dec _____

Harvesting and Storing

Method of harvest _____ Method of storage _____
 Yield per acre _____ Crop quality (good, fair, poor) _____ Harvested at _____% moisture
 Method of drying _____ Stored at _____% moisture

Marketing

Record in the following blanks the local market price each month for the crop you have chosen. Ask grain Dealers or refer to your newspaper. Indicate the unit you are using (bushels, tons) _____

Jan _____ Feb _____ March _____ April _____
 May _____ June _____ July _____ Aug _____
 Sept _____ Oct _____ Nov _____ Dec _____

Unit price received for your crop (dollars per bushel, ton) _____ Date _____ OR

Date you intend to sell your crop _____ Futures contract price _____

Cost of Production Summary

A. Materials

Material	Kind used	Amount applied per acre	Total amount used	Cost per unit (pound, gallon, ton)	Cost	
					Total	Member's share
Seed	_____	_____	_____	_____	_____	_____
Commercial Fertilizer	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
Manure	_____	_____	_____	_____	_____	_____
Chemicals	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____
Land rental	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____
(A) Total					_____	_____

B. Machinery

This should include costs for operations such as plowing, discing, planting, cultivation, spraying, harvesting, Drying, transporting, and storing. Use "Guide for Adjusting Custom Rates and Machine Rental Rates," Available from 120 Mumford Hall, University of Illinois, 1301 W. Gregory Drive, Urbana, Illinois 61801

Type of work	Number of acres or hours	Rate per acre or hour	Cost	
			Total	Member's share
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
(B) Total			_____	_____

C. Labor

By whom	Number of hours	Rate per hour	Total cost
Member _____	_____	_____	_____
Family or hired help _____	_____	_____	_____
(C) Total			_____

D. Crop Yield Record*

Crop harvested	Date harvested	Number of acres harvested	Total yield (tons, bushels, bales)	Yield per acres	Market value per unit	Value of crop	
						Total	Member's share
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
(D) Total						_____	_____

* If the crop has not been harvested, estimate the yield. If this is a small grain crop, include the value of straw harvested in the yield record (e.g., crop harvested: oat grain, oat straw). If a small grain was seeded to a legume, this fact should be recorded. The value of a good stand is equal to one-half the production cost of the small grain (or one-half of A + B + C).

Summary

	Total	Member's share
1. Total income from project (D)	_____	_____
2. Total production cost (A + B + C)	_____	_____
3. Profit (+) or loss (-)	_____	_____
4. Cost per unit produced (divide expenses [2] by total yield [4 th column of D])	_____	_____