Plant Sciences

CROPS MANAGEMENT RECORD

Wisconsin Record Form

Pub. No. RS1

Accurate records help explain the results of your crops project and tell you whether your project results in financial profit or loss. To have a complete crops project, this form must be submitted to your leader. You will collect most information during the course of the project. Try to record it as soon as you complete an activity or on a weekly basis. Project activities, such as, talks and exhibits should be recorded on an MPE form.

Name:_____ County:_____ Club:_____ Grade:_____

Years in Crops Project:_____ Which crop did you grow?_____

Size of Field:_____ acres

Financial Agreement

Outline the land, machinery, fuel, labor, seed, fertilizer and other materials agreement between yourself and parent or owner.

_____

_____

_____

The Field

Soil type from SCS Office or Co. Soil Survey Dept. (e.g., Plano silt loam):_____

Topography (e.g., hilly, rolling, flat):_____

Conservation practices used:_____

_____

Last year's crop yield:_____

Soil Test

Date						
Sample Number	pH	Available Phosphorous (P1 Test)	Available Potassium (K test)	Organic Matter (Ton/A)	Recommendation	Application (Kind and Amount)

Seed

Variety or hybrid planted:_____ Was certified seed used?_____ % other crop seed:_____

% weed seed:_____ % germination:_____ % inert matter:_____ Number of acres planted:_____

Planting date:_____ Seeding rate:_____ Population count:_____

Describe seed treatment, if any:_____

Pest Management (Diseases, Insects, Weeds)

Pest	Date Noticed	Extent of Damage	Control Method (Kind and Amount)	Effectiveness (Excellent, Good, Fair, Poor)

Weather

Describe the effects of any unusual weather conditions which may have influenced production of your crop:_____

_____

Total monthly rainfall:

April:_____ May:_____ June:_____ July:_____

August:_____ September:_____ October:_____ November:_____

Harvest

Method of harvest:_____ Method of storage:_____

Yield per acre:_____

Crop quality (excellent, good, fair, poor):_____

Method of drying:_____ Stored at:_____ % of moisture:_____

Marketing

Record the local market price each month for the crop you have chosen. Ask feed and grain dealers or refer to your newspaper.

Indicate unit you are using (e.g., bushels, tons, pounds):_____ Crop:_____

January:_____ February:_____ March:_____ April:_____

May:_____ June:_____ July:_____ August:_____

September:_____ October:_____ November:_____ December:_____

Unit price received for your crop (e.g., dollars/bushel, ton, pound):_____

Date sold:_____ or planned sale date:_____

Cost of Production Summary

Materials (A)

Material	Kind Used	Amount Applied per Acre	Total Amount Used	Value or Cost per Unit (Pound, Gallon, Ton)	Cost or Value	
					Total	Member's Share
Seed						
Commercial Fertilizers						
Manure						
Chemicals						
Land Rental						
Other						
				Total (A)		

Machinery (B)

Costs for operations, such as, plowing, disking, planting, cultivating, spraying, harvesting, drying, transporting and storing. Use Wis. Custom Rate Guides from County UW-Extension Office.

Type of Work	Number of Acres or Hours	Rate per Acre or Hour	Cost or Value	
			Total	Member's Share
		Total (B)		

Labor (C)

By Whom	Number of Hours	Rate per Hour	Total Cost or Value
		Total (C)	

Crop Yield Record (D)*

Crop Harvested	Date Harvested	Number of Acres Harvested	Yield per Acre	Total Yield (Tons, Bushels, Bales)	Market Value per Unit	Value of Crop	
						Total	Member's Share
					Total (D)		

* If crop has not been harvested, estimate 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 (i.e., 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 costs (Line 2) by total yield (5th column of D)]		