

Wisconsin 4-H Crops Financial Record & Management Summary

Accurate records help explain the results of your crops project and tell you whether your project resulted in financial profit or a loss. 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: | | Club: | |
| County: | Age (January 1st): | Years in Crop Project: | |
| Which crop did you grow? | | Size of field (in acres): | |

FINANCIAL AGREEMENT

Outline land, machinery, fuel, labor, seed, fertilizers 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 (hilly, rolling, flat, etc.): | Last year's crop: |
| Conservation practices used: | |

SOIL TEST

Date:

| Sample # | pH | Available Phosphorus <i>(PI test)</i> | Available Potassium <i>(K test)</i> | Organic Matter <i>(ton/A)</i> | Recommendation | Application <i>(kind & amount)</i> |
|----------|----|--|--|----------------------------------|----------------|---|
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SEED

| | | | |
|---|---------------------------------|---------------------------|----------------------------|
| Variety or hybrid planted: | Was certified seed used? | % other crop seed: | |
| % weed seed: | % germination: | % inert matter: | # 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 <i>(kind & amount)</i> | Effectiveness <i>(excellent, good, fair, poor)</i> |
|-------------|---------------------|-------------------------|---|--|
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WEATHER

Describe the effects of any unusual weather conditions, which may have influenced production of your crop.

Total monthly rainfall was:

| | | | |
|---------|------------|----------|-----------|
| April: | May: | June: | July: |
| August: | September: | October: | November: |

HARVEST

| | |
|---|-----------------------------------|
| Method of harvest: | Method of storage: |
| Crop quality <i>(excellent, good, fair, poor):</i> | Yield per acre: |
| Method of drying: | Stored at: _____% 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 <i>(bushels, tons, pounds, etc.):</i> | | | Crop: |
| January | February | March | April |
| May | June | July | August |
| September | October | November | December |

| | |
|---|------------------------------|
| Unit price received for your crop <i>(dollars/bushel, ton, pound, etc.):</i> | |
| Date sold: | or Planned sale date: |

COST OF PRODUCTION SUMMARY

A. MATERIALS

| Material | Kind Used | Amount applied per acre | Total amount used | Value or cost per unit <i>(pound, gallon, ton)</i> | Cost or Value | |
|------------------------------|-----------|-------------------------|-------------------|---|---------------|----------------|
| | | | | | Total | Member's Share |
| <i>Seed</i> | | | | | | |
| <i>Commercial Fertilizer</i> | | | | | | |
| <i>Manure</i> | | | | | | |
| <i>Chemicals</i> | | | | | | |
| <i>Land Rental</i> | | | | | | |
| <i>Other</i> | | | | | | |
| Total (A) | | | | | \$ | \$ |

B. MACHINERY

Costs for operations such as plowing, discing, planting, cultivating, spraying, harvesting, drying, transporting, and storing. Use the "Wisconsin Custom Rate Guide" from the County Extension Office.

| Type of Work | # of Acres or Hours | Rate per Acre or Hour | Cost | |
|------------------|---------------------|-----------------------|-------|----------------|
| | | | Total | Member's Share |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total (B) | | | \$ | \$ |

C. LABOR

| By Whom | # of Hours | Rate per Hour | Total Cost of Value |
|------------------|------------|---------------|---------------------|
| Member - | | | |
| Family - | | | |
| Hired Help - | | | |
| Other - | | | |
| Total (C) | | | \$ |

D. CROP YIELD RECORD *

| Crop harvested | Date harvested | # of acres harvested | Yield per acre | Total yield (tons, bushels, bales) | Market value | Value of crop | |
|------------------|----------------|----------------------|----------------|------------------------------------|--------------|---------------|----------------|
| | | | | | | Total | Member's Share |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |
| 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 (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 costs line 2, by total yield, 5 th column of D) | _____ | XXXXXXXXXX |