

# Crop Production Project Worksheet

Name \_\_\_\_\_ Production year \_\_\_\_\_

Years enrolled in crop project \_\_\_\_\_

Kind of crop \_\_\_\_\_ Acres in project \_\_\_\_\_

Type of soil \_\_\_\_\_ % Slope \_\_\_\_\_

Yield goal \_\_\_\_\_

Planting date \_\_\_\_\_ Row Spacing \_\_\_\_\_ inches

Hybrid/Variety Planted \_\_\_\_\_ Planting rate \_\_\_\_\_ seeds/acre

### Table 1. Field history (if available)

History of plot area for the past 2 years						
Year	Crop Grown	Total Fertilizer Applied (lb/A)			Was area manured?	Amount of lime applied per acre
		N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
1 yr. ago						
2 yrs. ago						

### Table 2. Soil test recommendations for this year's crop (if available)

Laboratory analyses					Nutrient recommendations for crop grown (lbs/acre)		
Organic matter %	P	K	Soil ph	Sampling Depth (in.)	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O

Were any other nutrients recommended? \_\_\_\_\_ If yes, what nutrients and how much? \_\_\_\_\_

### Table 3. Fertilizer applied for this year's crop (per acre)

Date	Application method	Amount (lb/A)	Analysis

Was any manure applied? \_\_\_\_\_ How much? \_\_\_\_\_

Type of tillage (conventional, strip-till, no-till) \_\_\_\_\_

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Conservation practices applied (cover crops, buffer strips, etc.) \_\_\_\_\_

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Pests found during scouting (weeds, insects, diseases) \_\_\_\_\_

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Pest control methods used such as herbicides, insecticides and fungicides

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Was the field irrigated? Yes or No

If irrigated, what type of irrigation was used and how much water was applied? \_\_\_\_\_

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What observations did you make? (Weather during the growing season, crop growth, etc) ?

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**Table 4. Harvest report (If harvest was finished before fair)**

Date of harvest	Harvest moisture percentage	Yield (bu/A)

**Table 5. Costs (If Available)**

- 1. Machinery costs: \$ \_\_\_\_\_ per acre
- 2. Seed: \$ \_\_\_\_\_ per acre
- 3. Fertilizer: \$ \_\_\_\_\_ per acre
- 4. Herbicides: \$ \_\_\_\_\_ per acre
- 5. Insecticides: \$ \_\_\_\_\_ per acre
- 6. Fungicides: \$ \_\_\_\_\_ per acre
- 7. Land charge if rented: \$ \_\_\_\_\_ per acre
- 8. Land taxes if owned: \$ \_\_\_\_\_ per acre
- 9. Irrigation Cost: \$ \_\_\_\_\_ per acre
- 10. Drying Cost: \$ \_\_\_\_\_ per acre
- 11. Hauling Cost: \$ \_\_\_\_\_ per acre
- 12. Insurance Cost: \$ \_\_\_\_\_ per acre
- 13. Other Costs: \$ \_\_\_\_\_ per acre
- 14. **Total Costs:** \$ \_\_\_\_\_ per acre

**Table 6. Value of Crop (Use expected if crop is not yet harvested)**

Expected price: \$ \_\_\_\_\_ per bushel      Actual price: \$ \_\_\_\_\_ per bushel  
Expected yield: \_\_\_\_\_ bu/acre      Actual yield: \_\_\_\_\_ bu/acre  
Expected total value: \$ \_\_\_\_\_ per acre      Actual total value: \$ \_\_\_\_\_ per acre

What did you learn from doing the crops project? \_\_\_\_\_  
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Attach any pictures from your field (optional)