

# Crop Consultant vs. Standard Management Practices

**Mark Gustafson**

**Private Industry Cooperator: Jerry Mulliken**

**OBJECTIVE:** To determine and document the profitability of soybean production with a crop consultant versus the standard management practices.

## STANDARD MANAGEMENT

### Treatment:

None

### Disc/PPI

Herbicide: 1.5 pints Treflan, .4 pounds Sencor, .25 ounces Classic and .125 ounces Pinnacle.

Field Cultivate

Plant

Cultivate

## CONSULTANT MANAGEMENT

### Treatment:

Fertilize: 10-34-0 and Zinc

### Disc/PPI

Herbicide: 1.5 pints Treflan, .4 pounds Sencor, .25 ounces Classic and .125 ounces Pinnacle.

Field Cultivate

Plant

Cultivate

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### Comparative cost (per acre)

None	\$0.00
None	\$0.00
<b>Total</b>	<u><b>\$0.00</b></u>

### Comparative cost (per acre)

Consultant	<b>\$ 4.00</b>
Fertilizer	<b>\$ 7.60</b>
<b>Total</b>	<u><b>\$11.60</b></u>

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VARIABLE	1992
Early population	
Consultant	79,000
Standard	79,000
Final population	
Consultant	85,000
Standard	82,000
Population loss	
Consultant	---
Standard	---
Plant height	
Consultant	30.7" *
Standard	29.1" *
Pod height	
Consultant	4.0"
Standard	4.6"
Moisture	
Consultant	10.5% **
Standard	8.4%
Test weight	
Consultant	55.3
Standard	55.4
Yield (13 %)	
Consultant	43.1
Standard	45.0

\* significantly different at 95 % confidence level

\*\* significantly different at 99% confidence level