

Corn/Soybean Rotation vs. Continuous Corn

Jeff Meduna

Private Industry Cooperator: Jerry Mulliken

OBJECTIVE: To determine and document the profitability of a corn/soybean rotation versus continuous corn.

CORN/SOYBEAN ROTATION

Treatment:

Anhydrous

Plant

Herbicide: 1995-2.4 pounds Bicep-Lite,
.5 pounds Atrazine and
.5 pints 2,4-D

Harvest

CONTINUOUS CORN

Treatment:

Anhydrous

Plant

Herbicide: 1995-2.4 pounds Bicep-Lite,
.5 pounds Atrazine and
.5 pints 2,4-D

Harvest

Comparative cost (per acre)

	<u>1995</u>
None	\$0.00
Total	<u>\$0.00</u>

Comparative cost (per acre)

	<u>1995</u>
Thimet insect cultivation	\$5.81
Total	<u>\$5.81</u>

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VARIABLE	1995
Moisture (%)	
Corn/Soybean Rotation	14.4
Continuous Corn	14.4
Yield (15.5 %) (bushels/acre)	
Corn/Soybean Rotation	102 **
Continuous Corn	95

** significantly different at 95% confidence level

Summary: The corn following soybean yield significantly higher than the continuous corn at the 95% confidence level.