

On-Farm Comparison Results

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Nebraska Soybean & Feed Grains Profitability Project

Years: 2004

Title: Cover Crop in Corn/Soybean Rotation

Crop: Corn

NSFGPP Operator: Jerry Mulliken, Dodge County

Private Industry Cooperator: Jerry Mulliken

Objective: To determine and document the effect of growing a cover crop on the profitability of corn/soybeans in rotation.

Treatments: No cover crop vs. cover crop.

Soil Type: Mouly with depressions one to several acres in size.

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Results: 2004 (DK 6411 BTRR)

<u>Variable</u>	<u>No Cover</u>	<u>Cover Crop</u>	<u>Prob >/T/</u>
Yield, bu/ac at 13%	154	147	0.0133 **
Moisture, %	15.1	15.1	0.8770 ns
Plants, 1,000/acre	19.6	20.4	----
Cost/ac - Wheat Cover	----	\$10.00	
Cost/ac - Herb	\$7.40	\$21.06	

Summary: In 2004, grain yield was lower where a cover crop was planted the previous fall.