

On-Farm Comparison Results WEITZENKAMP

Nebraska Soybean & Feed Grains Profitability Project

<i>Years:</i>	2006
<i>Title:</i>	Fungicide Application in Irrigated Corn
<i>Crop:</i>	Corn
<i>NSFGPP Operator:</i>	Jon Weitzenkamp, Dodge County
<i>Private Industry Cooperator:</i>	Jerry Mulliken
<i>Objective:</i>	To determine & document the effect of using a preventative fungicide on the profitability of producing irrigated corn.
<i>Treatments:</i>	No foliar fungicide vs. foliar application of Stratego fungicide at tasseling stage of growth. (30 gal/ac, 40-80 psi, 90 degree F, July 10, humid and calm.)

On-Farm Comparison Results WEITZENKAMP

Nebraska Soybean & Feed Grains Profitability Project

Results: <u>Variable</u>	2006	Corn (Pioneer 34N45)	
	<u>No Treatment</u>	<u>Stratego @ V12</u>	<u>Prob >/T/</u>
Yield, bu/ac @ 15.5%	158	162	0.0501 *
Moisture, %	18.4	20.0	0.0007 ***
Gray Leaf Spot, %	4.6	2.0	0.0017 ***
Leaf Rust, %	2.1	0.9	0.0041 ***
Cost/ac	---	\$11.00	
Appl. Cost/ac		\$7.50	

Planting Date: 5/5/06

Harvesting Date: 10/10/06

Summary: The application of Stratego Fungicide at V12 resulted in a slight increase in grain yield, higher grain moisture at harvest, & a significant reduction in gray leaf spot & leaf rust.

On-Farm Comparison Results WEITZENKAMP

Nebraska Soybean & Feed Grains Profitability Project



Fungicide Study
(one week after treatment)