



Nebraska On-Farm Research Network

Years:	2006
Title:	Fungicide Application in Irrigated Corn
Crop:	Corn
Study ID:	132053200601
County:	Dodge County
Objective:	To determine & document the effect of using a preventative fungicide on the profitability of producing irrigated corn.
Treatments:	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.)

Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

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<u>Results:</u> <u>Variable</u>	<u>2006</u> <u>No Treatment</u>	<u>Corn (Pioneer 34N45)</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.

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Fungicide Study
(one week after treatment)

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