

## On-Farm Comparison Results BRANDERT

### Nebraska Soybean & Feed Grains Profitability Project

<b><i>Years:</i></b>	2006
<b><i>Title:</i></b>	Fungicide Application in Irrigated Corn
<b><i>Crop:</i></b>	Corn
<b><i>NSFGPP Operator:</i></b>	Vernon Brandert, Dodge County
<b><i>Private Industry Cooperator:</i></b>	Jerry Mulliken
<b><i>Objective:</i></b>	To determine & document the effect of using a preventative fungicide on the profitability of producing irrigated corn.
<b><i>Treatment:</i></b>	No foliar fungicide vs. foliar application of Quilt fungicide at tasseling stage of growth.

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<b>Results:</b>		<b>2006</b>		
		<b>Corn (DeKalb 6014)</b>		
<u>Variable</u>	<u>No Treatment</u>	<u>Fungicide</u>	<u>Prob&gt;/T/</u>	
Yield, bu/ac @ 15%	224	235	0.0003	***
Moisture, %	16.1	16.4	0.0159	**
Gray Leaf Spot, %	7.4	3.9	<.0001	***
Lodged Plants, %	14.8	18.2	0.5608	ns
Leaf Rust, %	6.8	4.0	0.0012	***
Cost/ac	---	\$18.50		

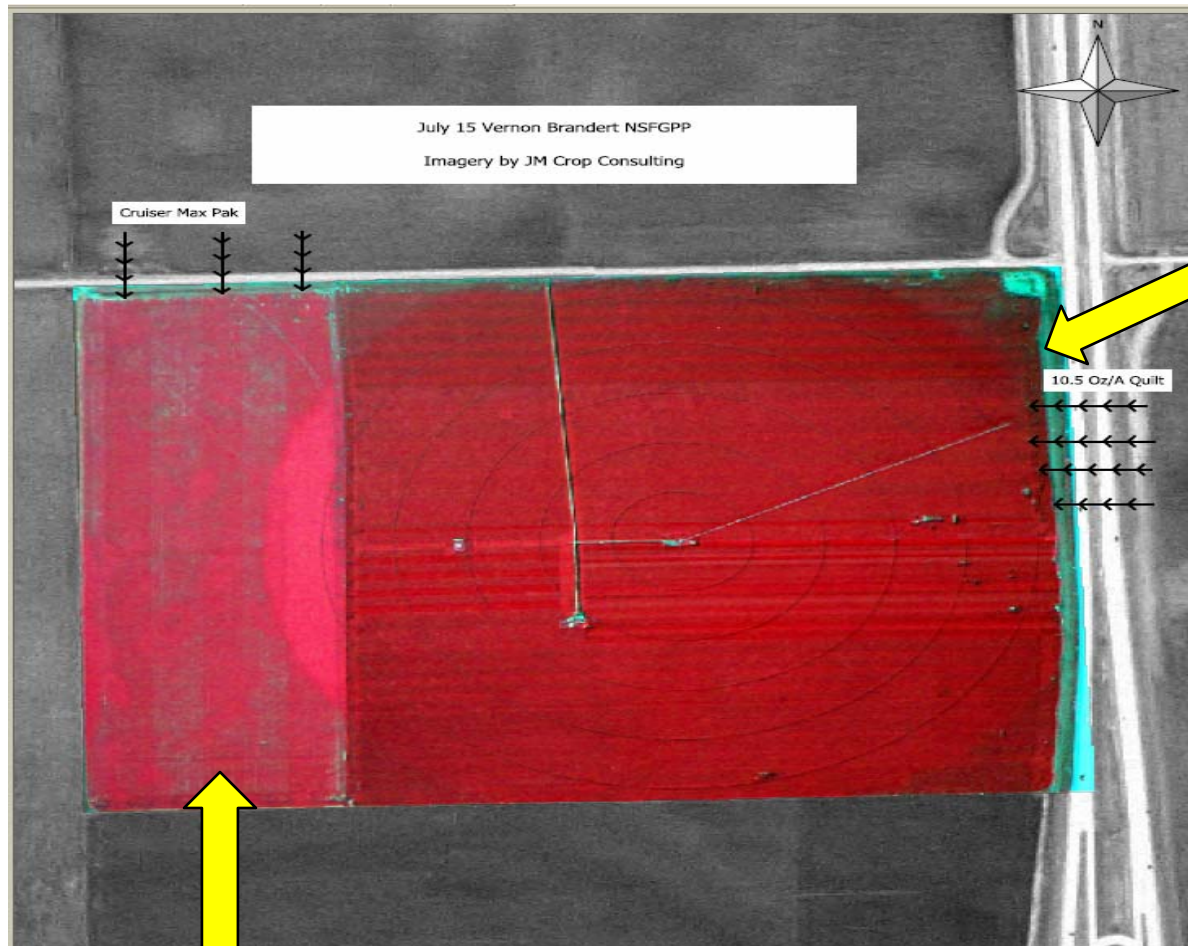
Planting/Harvesting Date: 5-3-06 / 11-2-06

Gray leaf spot, lodging & leaf rust percentages were measured at harvest.

Summary: The application of Quilt Fungicide resulted in a significant increase in grain yield & slightly higher moisture at harvest. Also, the incidence of gray leaf spot & leaf rust was reduced; however, stalk lodging was not affected.

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Fungicide Study

Cruiser Study