Nebraska On-Farm Research Network

Years:	2006
Title:	Fungicide Application in Irrigated Corn
Crop:	Corn
Study ID:	048053200602
County:	Dodge
Objective:	To determine & document the effect using a preventative fungicide on the profitability of producing irrigated corn.
Treatment:	No foliar fungicide vs. foliar application of Quilt fungicide at tasseling stage of growth.

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Results: 2006

Corn (DeKalb 6014)

Variable	No Treatment	Fungicide	Prob>/T/
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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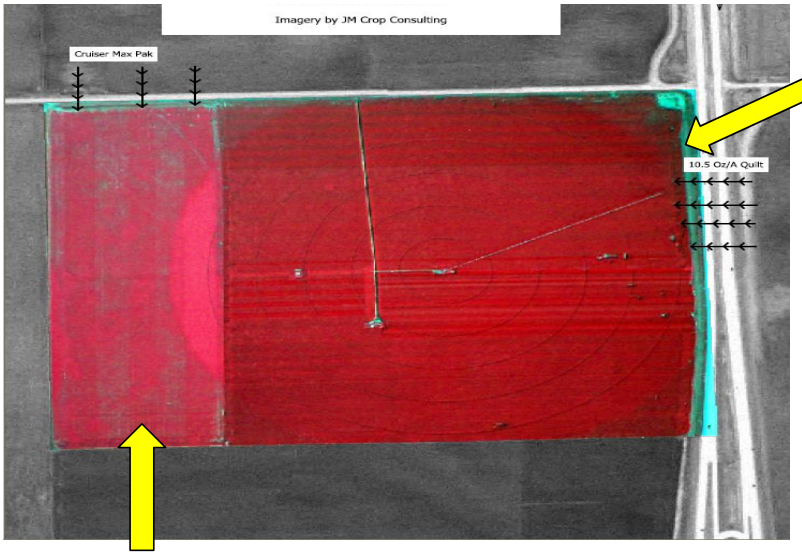
July 15 Imagery



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