Soybean Fungicide Evaluation Study

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Soybean Fungicide Evaluation Study

Abstract
The objective of this study was to evaluate Priaxor and Headline fungicides on two different soybean varieties. Past studies have shown yield benefit from fungicide application in the absence of foliar leaf disease. Pioneer 92Y51 and Kruger K2-1901 were planted May 14 at 156,00 seeds/acre. The fungicide treatments were 6.0 oz/acre of Headline or 4.0 oz/acre of Priaxor plus 4.0 oz/acre NIS at 13.9 GPA on July 23 at the R3 stage of development. Plot size was eight, 30-in. rows by 75 ft in length. The center six rows were harvested for yield data. The plot was harvested on September 18, 2012.

Keywords
Agronomy

Disciplines
Agricultural Science | Agriculture | Agronomy and Crop Sciences

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Soybean Fungicide Evaluation Study

RFR-A1253

Paul Kassel, extension field agronomist
Josh Sievers, farm superintendent

Introduction
The objective of this study was to evaluate Priaxor and Headline fungicides on two different soybean varieties. Past studies have shown yield benefit from fungicide application in the absence of foliar leaf disease.

Materials and Methods
Pioneer 92Y51 and Kruger K2-1901 were planted May 14 at 156,00 seeds/acre. The fungicide treatments were 6.0 oz/acre of Headline or 4.0 oz/acre of Priaxor plus 4.0 oz/acre NIS at 13.9 GPA on July 23 at the R3 stage of development. Plot size was eight, 30-in. rows by 75 ft in length. The center six rows were harvested for yield data. The plot was harvested on September 18, 2012.

Results and Discussion
The experimental area was assessed for the presence leaf disease on August 24. No specific leaf disease ratings were performed because of very low levels of foliar leaf disease. Soybean yield did not respond to the fungicide treatments in this study.

Acknowledgements
Appreciation is extended to Josh Sievers for his assistance with this study. We would also like to thank Mark Storr of BASF for his support of this project.

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