



Double Crop Foliar Fungicide and Insecticide Study – 2009

Planted: June 24, 2009
Harvested: October 26, 2009
Rows: Eleven 15" rows
Seeding Rate: 220,000 seeds/A.
Product Tested: BECK 400NR™*

Previous Crop: Corn
Tillage: No-Till
Herbicide: Pre: 32 oz. Durango
 Early Post: 32 oz. Cornerstone
 Post: 32 oz. Cornerstone

RAINFALL	
April	7.0 in.
May	5.9 in.
June	4.1 in.
July	7.2 in.
August	1.4 in.
Total	25.6 in.

Purpose: This study was developed after we began noticing significant yield and profit increases using foliar fungicides and insecticides in early planted soybeans. This study was designed to see if that same effect held true in a double crop soybean scenario.

2009 Summary

Insecticide and/or Fungicide Application	Date Sprayed	Growth Stage	Emerged Population	Bushels Per Acre [†]	Yield Advantage	Return on Investment [^]
Untreated	August 7	R2	174,250	60.9		
Headline [®]			188,771	63.9	+3.0	\$6.60
Mustang Max [™]			156,825	61.5	+0.6	-\$5.37
Untreated	August 14	R3	165,538	62.7		
Headline [®]			182,963	63.3	+0.6	-\$16.32
Mustang Max [™]			156,825	62.9	+0.2	-\$9.19
Untreated	August 20	R4	162,633	58.0		
Headline [®]			162,633	62.6	+4.6	\$21.88
Mustang Max [™]			162,633	57.4	-0.6	-\$16.83

[†]Bushels per acre corrected to 13% moisture.

*XL Brand is distributed by Beck's Superior Hybrids, Inc.

[^]Return on Investment (ROI) based upon yield advantage of application minus the cost of product and application charge.

Costs were based on \$16.40/A. for 6 oz. of Headline[®], \$5 for 2.5 oz. of Mustang Max[™], \$2.00/A. for additives, and \$5.50/A. average application charge. Soybean price based on \$9.55/Bu. average.

Summary: Headline[®] applications at both R2 and R4 showed positive returns on investment. This is only the second year in the four year history of this study that a fungicide treatment showed a profit on double crop soybeans. This is most likely due to the above average rainfall that we have received late in the season the past two years. Disease pressure appeared to be minimal in this study, although Cercospora leaf blight was found on many leaves in neighboring studies which resulted in purple seed stain. The stand alone insecticide treatments were not profitable this year. Visual differences between fungicide treatments and the untreated check were minimal in 2009.

"No matter what question or concern I have the team of agronomist at Beck's is able to help me. Whether it is an issue I might have out in the field or just to reassure me of the decisions I make."

Ken Wisehart
 Shirley, IN

