

BECK'S Corn Fungicide Study – 2010

Location: T1 & T2 plots
Planted: May 26, 2010
Harvested: September 21, 2010
Rows: Four 30" rows
Population: 30,000 seeds/A.

Previous Crop: Soybeans
Tillage: Conv.-Till
Herbicide: 3 qts. Lexar
 48 oz. Glyphosate
Fungicide: 6 oz. Headline

RAINFALL	
April	2.1 in.
May	4.5 in.
June	11.5 in.
July	4.2 in.
August	<u>3.0 in.</u>
Total	25.3 in.

Purpose: This study compares six popular corn products with and without Headline fungicide applied at full tassel.

Brand	Harvested Population	Test [†] Weight	Percent Broken Stalks	Percent Moisture	Bushels [†] Per Acre	Yield Adv. Vs. Untreated	Net Return [^]
HEADLINE							
BECK 5442VT3	31,750	57.3	0.0	20.3	272.3	+19.2	+\$ 31.27
BECK 6464HR™*	33,750	58.4	0.0	21.3	263.0	+5.7	-\$ 1.34
BECK 6179VT3	35,250	57.0	0.0	21.5	252.7	+18.7	+\$ 31.62
BECK 5435HXR™*	34,750	60.9	0.0	19.3	237.6	+12.1	+\$ 15.06
BECK 5377HR™*	34,500	57.8	2.9	19.7	232.7	+14.2	+\$ 19.27
BECK 5354HXR™*	<u>33,500</u>	<u>59.2</u>	<u>0.0</u>	<u>20.3</u>	<u>231.7</u>	<u>-7.5</u>	<u>-\$ 56.93</u>
AVERAGE	33,917	58.4	0.5	20.4	248.3	+10.4	+\$ 6.49
NO HEADLINE							
BECK 6464HR™*	34,000	59.2	0.0	21.4	257.4		
BECK 5442VT3	32,000	55.8	0.8	18.7	253.1		
BECK 5354HXR™*	35,000	60.8	0.0	19.5	239.2		
BECK 6179VT3	35,250	56.5	0.0	20.2	234.0		
BECK 5435HXR™*	36,000	60.8	0.0	18.6	225.5		
BECK 5377HR™*	<u>35,500</u>	<u>56.9</u>	<u>0.0</u>	<u>18.6</u>	<u>218.5</u>		
AVERAGE	34,625	58.3	0.1	19.5	238.0		

[†]Bushels per acre and test weight corrected to 15% moisture.

*XL™ brand seed is distributed by Beck's Superior Hybrids, Inc. ™XL is a trademark of Pioneer Hi-Bred.

[^]Net Return = Gross Return for Fungicide Application minus Gross Return for the Control. Headline cost of \$16.41/A. \$5.50/A. application cost. \$3.80/Bu. Drying cost figured at \$0.04/point of moisture above 15%/Bu.

Summary: With 10.4 Bu./A. additional yield on average for the hybrids with fungicide-applied, an economic advantage was gained using Headline in this study on four out of the six hybrids. In evaluating individual hybrids, they responded as expected in most cases. Note that moistures were wetter in this study where Headline was applied. We typically observe higher moistures at harvest when Headline is used due to the plant staying healthier longer.

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Most national seed companies must find products that fit broad geographic areas, which often “miss the mark” in farmers’ specific fields. At Beck’s, we hit the “bull’s-eye” when it comes to developing products that are best suited for farmers’ individual needs. Since we are a regional seed company, we source and breed genetics that are best suited for farmers in our marketing area.

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