



LibertyLink[®] Soybean Herbicide Study – 2008

Planted: June 11, 2008
Harvested: October 22, 2008
Rows: Eight 30" rows
Seeding Rate: 150,000 seeds/A.

Previous Crop: Corn
Tillage: Chisel
Herbicide: Various
Product Tested: BECK 284LL

RAINFALL	
April	1.88 in.
May	6.41 in.
June	4.44 in.
July	7.05 in.
August	<u>0.91 in.</u>
Total	20.69 in.

Purpose: To evaluate BECK 284LL LibertyLink Soybeans for not only yield, but to examine recommended pre-emergent and post-emergent herbicide programs in this type of cropping system.

Treatment	Emerged Population	Standability		Bushels* Per Acre
		1 = Erect 5 = Flat		
Prowl followed by Ignite	132,000	2.0		56.6
Valor followed by Ignite	135,000	2.0		56.1
Ignite followed by Ignite	133,000	2.0		56.7
Liberty followed by Ignite	<u>133,000</u>	<u>2.0</u>		<u>55.5</u>
AVERAGE	133,250	2.0		56.2

Summary: BECK 284LL soybeans averaged 56.2 Bu./A. in this yield / herbicide study. Pre-emerge and post-emerge herbicide programs yielded very similar, although pre-emergent programs of Prowl and Valor had better weed control throughout the whole season. Ignite was applied at the new 22 oz. rate once weeds reached 4-5" in size and offered excellent weed control and crop safety.



LibertyLink[®] Soybean Stratego[®] Fungicide Study – 2008

Planted: June 11, 2008
Harvested: October 22, 2008
Rows: Eight 30" rows
Seeding Rate: 150,000 seeds/A.

Previous Crop: Corn
Tillage: Chisel
Herbicide: Various
Product Tested: BECK 334LL

RAINFALL	
April	1.88 in.
May	6.41 in.
June	4.44 in.
July	7.05 in.
August	<u>0.91 in.</u>
Total	20.69 in.

Purpose: To evaluate the performance of Stratego fungicide in a LibertyLink soybean cropping system. Stratego was applied at 10 oz. per acre at the R4 growth stage.

Foliar Fungicide	Emerged Population	Standability		Bushels Per Acre*	Yield Increase	Net Return [^]
		1 = Erect 5 = Flat				
Stratego	139,000	1.0		63.6	+1.2	-\$11.66
None: Control	139,500	1.0		62.4		
Stratego	138,500	1.0		63.4	+1.1	-\$12.77
None: Control	138,000	1.0		62.3		
Stratego	140,000	1.0		63.4	+1.9	-\$3.89
None: Control	138,500	1.0		61.5		
AVERAGE		Stratego		63.5	+1.4	-\$9.44
		Control		62.1		

*Bushels per acre corrected to 13% moisture.

Summary: Stratego fungicide gave a very consistent 1.4 Bu./A. increase over the control. However, after accounting for cost of application and product, a break-even yield was needed of 2.3 Bu./A. Our 1.4 Bu./A. increase fell short of break-even and consequently net loss was \$9.44 per acre.

One note to mention is that the R4 growth stage was the driest time period for these soybeans. This may account for some of the low yield responses from fungicides. See the Illinois PFR Soybean Fungicide Study results for more details and information regarding how we implement weather data into our fungicide studies.