



Cruiser and Warrior Insecticide Study – 2005

Location: Pontiac, IL
Planted: Various
Harvested: Oct. 5 & 20, 2005
Population: 150,000 seeds/A.
Variety Tested: BECK 323RR

Previous Crop: Corn
Tillage: Conventional
Herbicide: Roundup UltraMax
Insecticide: Varies

RAINFALL	
April	1.8 in.
May	0.7 in.
June	1.2 in.
July	2.0 in.
August	3.0 in.
Total	8.2 in.

Purpose: To compare Cruiser seed treatments and post-applied Warrior insecticide applications to no insecticide treatment.

Planting Date	Treatment	Bushels* Per Acre	Bu./A. Advantage
April 11	No Insecticide	42.1	
	Cruiser	51.0	+8.9
	Warrior	48.9	+6.8
April 18	No Insecticide	45.3	
	Cruiser	51.7	+6.3
	Warrior	50.1	+4.8
April 25	No Insecticide	51.5	
	Cruiser	53.3	+1.9
	Warrior	55.3	+3.9
May 6	No Insecticide	51.9	
	Cruiser	50.6	-1.4
	Warrior	50.4	-1.5
May 11	No Insecticide	51.0	
	Cruiser	47.2	-3.8
	Warrior	46.3	-4.7
May 16	No Insecticide	50.6	
	Cruiser	48.7	-1.9
	Warrior	53.7	+3.1
May 23	No Insecticide	49.0	
	Cruiser	51.6	+2.7
	Warrior	55.9	+6.9
May 30	No Insecticide	47.4	
	Cruiser	51.8	+4.5
	Warrior	53.1	+5.7
June 6	No Insecticide	47.0	
	Cruiser	43.7	-3.3
	Warrior	45.2	-1.7
June 13	No Insecticide	38.1	
	Cruiser	35.9	-2.2
	Warrior	40.4	+2.3
June 27	No Insecticide	35.0	
	Cruiser	33.3	-1.7
	Warrior	41.1	+6.1

Summary: Warrior consistently returned profitable yields on most planting dates. As a whole, the Warrior returned \$7.64 per acre before cost of application. At \$5.50 per bushel market price, it takes 1.4 bushels per acre increase from Cruiser to breakeven. Cruiser returned only 0.9 bushels per acre on average, but did return profits on all of the April plantings.



Jason Webster, Farm Manager at Pontiac National Bank talks to farmers at the annual Field Day held in August.

*Bushels per acre corrected to 13% moisture. Weighed by: Pontiac National Bank.