

## BECK'S Poncho / Aztec Treatment Study - 2005

**Location:** US 31 plot  
**Planted:** April 14, 2005  
**Harvested:** September 30, 2005  
**Rows:** Four 30" rows  
**Population:** 32,500 seeds/A.

**Previous Crop:** Soybeans  
**Tillage:** Zone-Till  
**Herbicide:** PPI: 2.5 qts. Bicep II Magnum  
 1.0 qt. Princep  
 Post: 1.6 qts. Lexar / 8 oz. Stinger  
**Insecticide:** Various

RAINFALL	
April	3.4 in.
May	3.2 in.
June	4.0 in.
July	6.8 in.
August	<u>3.3 in.</u>
Total	20.7 in.

**Purpose:** This study compares two insecticides recommended for slight to moderate corn rootworm pressure (Poncho 1250 and Aztec) to Poncho 250 alone which only controls secondary insects.

Yield Rank	Brand-Hybrid	Treatment	Harvested Population	Test Weight	Percent Broken Stalks	Percent Moisture	Bushels* Per Acre
1	BECK 5616RR	Poncho 1250	30,000	55.0	0.0	20.8	246.4
2	BECK 5899CBRR	Poncho 1250	28,000	56.5	3.6	21.0	237.1
3	BECK 5322RR	Poncho 1250	<u>29,500</u>	<u>56.0</u>	<u>0.0</u>	<u>20.2</u>	<u>236.6</u>
	AVERAGE		29,167	55.8	1.2	20.7	240.0
1	BECK 5322RR	Poncho 250 /Aztec	28,000	55.0	1.8	20.5	256.1
2	BECK 5616RR	Poncho 250 /Aztec	28,500	54.5	0.0	21.8	229.0
3	BECK 5899CBRR	Poncho 250 /Aztec	<u>27,500</u>	<u>56.5</u>	<u>0.0</u>	<u>21.0</u>	<u>225.6</u>
	AVERAGE		28,000	55.3	0.6	21.1	236.9
1	BECK 5616RR	Poncho 250	30,000	54.5	0.0	21.9	231.6
2	BECK 5322RR	Poncho 250	28,500	54.5	5.3	21.3	230.5
3	BECK 5899CBRR	Poncho 250	<u>29,500</u>	<u>55.0</u>	<u>0.0</u>	<u>22.7</u>	<u>203.7</u>
	AVERAGE		29,333	54.7	1.8	22.0	221.9

**Summary:** Poncho 1250 showed advantages in yield, moisture and test weight compared to Poncho 250 alone or in combination with Aztec. Poncho 1250 can provide a convenient way to comply with refuge requirements where farmers use a rootworm technology such as YieldGard Rootworm and Herculex Rootworm.

## BECK'S Roundup Ready Show Plot – 2005

(Same location as the above test)

Yield Rank	Brand-Hybrid	Harvested Population	Test Weight	Percent Broken Stalks	Percent Moisture	Bushels* Per Acre
1	BECK EX 1425RR	28,500	54.0	1.8	23.5	254.8
2	BECK 5616RR	24,000	55.5	0.0	21.6	241.1
3	BECK EX 1525CBRR	29,000	54.5	0.0	22.1	231.0
4	BECK 6722RR	26,000	53.0	5.8	23.5	224.0
5	BECK EX 2581CBRR	29,000	55.5	1.7	19.5	223.9
6	BECK 6722RWRR	28,500	52.5	0.0	25.0	222.4
7	BECK 5322CBRWRR	28,000	53.5	3.6	21.9	219.7
8	BECK 5099RR	<u>28,500</u>	<u>55.5</u>	<u>1.8</u>	<u>20.3</u>	<u>187.3</u>
	AVERAGE	27,688	54.3	1.8	22.2	225.5

\*Bushels per acre corrected to 15% moisture.