



300 Bushel Attempt – 2007

Planted: April 18, 2007
Harvested: Various
Population: Various
Rows: Six 30" rows
Previous Crop: Corn

Tillage: Chisel / Field Cultivator
Herbicide: Degree Xtra
 Roundup Original Max
Insecticide: 3.5 oz. Warrior at VT

RAINFALL	
April	5.54 in.
May	2.29 in.
June	2.83 in.
July	3.48 in.
August	<u>2.09 in.</u>
Total	16.23 in.

Purpose: This is our first attempt to reach 300 bushel corn yields at the Illinois Practical Farm Research Center. To increase yield, we utilized higher planting populations and fungicide applications. Nitrogen rates were applied at 300 lbs./A. for all entries: 150 lbs. Pre-plant weed-n-feed and 150 lbs. side-dress application at V8.

Brand	Fungicide	Planting Population	Test Weight	Percent Moisture	Bushels* Per Acre	Fungicide Advantage
BECK 5444VT3	6 oz. Headline	36,000	60.6	21.6	239.2	5.5
BECK 5444VT3	6 oz. Headline	38,000	60.0	22.5	237.4	3.9
BECK 5244CBWRR	6 oz. Headline	36,000	59.4	18.4	246.8	13.0
BECK 5244CBWRR	6 oz. Headline	38,000	59.6	19.1	241.5	8.8
BECK 6722CBWRR	6 oz. Headline	36,000	58.7	24.2	231.5	4.6
BECK 6722CBWRR	6 oz. Headline	38,000	58.0	24.9	222.4	4.9
BECK 5444VT3	None	36,000	59.6	21.6	233.7	
BECK 5444VT3	None	38,000	59.8	22.0	233.5	
BECK 5244CBWRR	None	36,000	59.1	17.8	234.0	
BECK 5244CBWRR	None	38,000	59.2	17.9	232.7	
BECK 6722CBWRR	None	36,000	57.7	24.2	226.9	
BECK 6722CBWRR	None	38,000	<u>58.0</u>	<u>24.9</u>	<u>217.5</u>	
AVERAGE			59.1	21.6	233.1	

*Bushels per acre corrected to 15% moisture. Plot weighed by BECK'S Hybrids – Jason Webster.

Summary: This year's highest yield came from BECK 5244CBWRR with an outstanding 246.8 Bu./A. yield. Although we fell short of our 300 bushel goal, we were very pleased with the yields we received from the above hybrids. If you would have told us in May and June that we would have 246 Bu./A. corn in our 300 bushel plot, we would have said you were crazy! Hot, dry temperatures limited yield potential for this plot, but once again it is interesting to see that even with the hot dry early weather, higher plant populations did in fact increase yields. Fungicide applications added an additional 6.7 Bu./A. on average over all the hybrids and populations. BECK 5244CBWRR gave the largest response with a 13 Bu./A. increase.



"When my dad and I visited Beck's we were amazed at the attention to detail in every step to get seed produced, packaged and to the farmer. This is way beyond anything we have seen with any other seed company."

Ron Wiegand
 Congerville, IL