

BECK'S 20" vs. 30" Row vs. Twin Row Corn Population Study – 2010

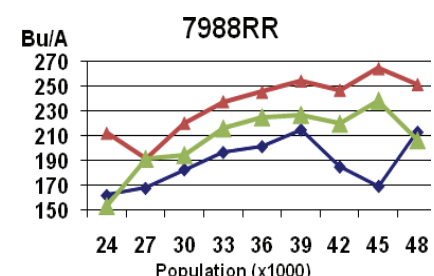
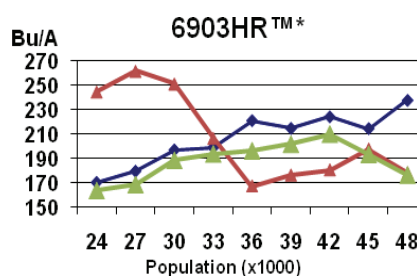
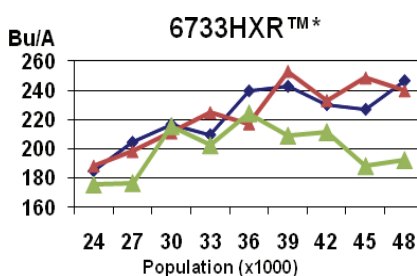
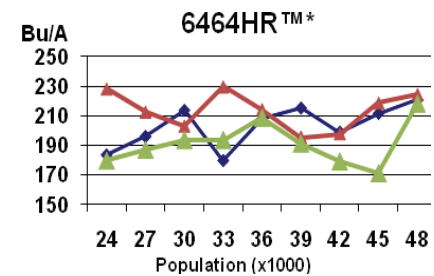
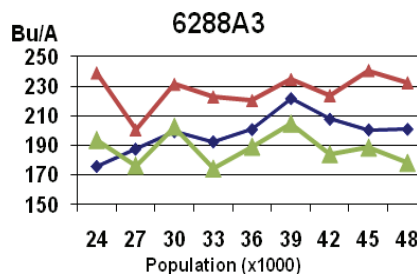
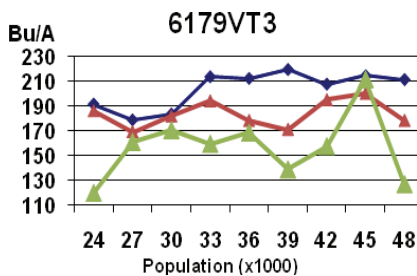
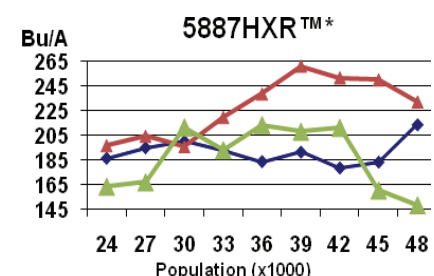
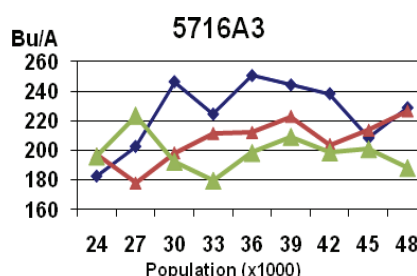
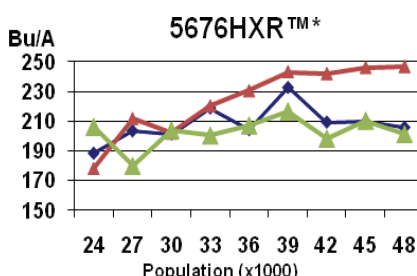
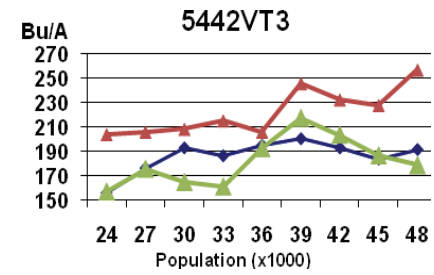
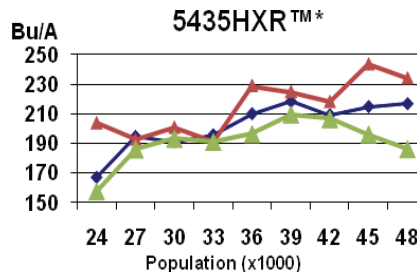
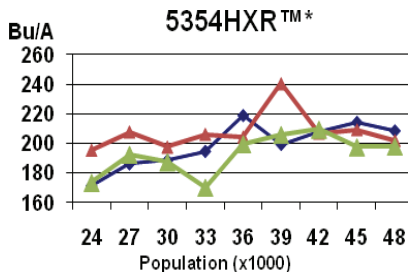
Planted: April 15, 2010
Harvested: September 4 & 7, 2010
Rows: Three 20" rows
 Two 30" rows
 Two twin rows
Population: 24,000 to 48,000

Previous Crop: Corn
Tillage: Disc Ripper / Field Cultivator
Herbicide: Pre: 1.5 qts. Lexar
 1 qt. Atrazine
 Post: 32 oz. Cornerstone

RAINFALL	
April	4.0 in.
May	3.1 in.
June	2.5 in.
July	2.5 in.
August	1.4 in.
Total	13.5 in.

Purpose: This study compares ten hybrids in 20", 30" and twin row spacing at final populations ranging from 24,000 to 48,000 to evaluate population trends and row width configurations.

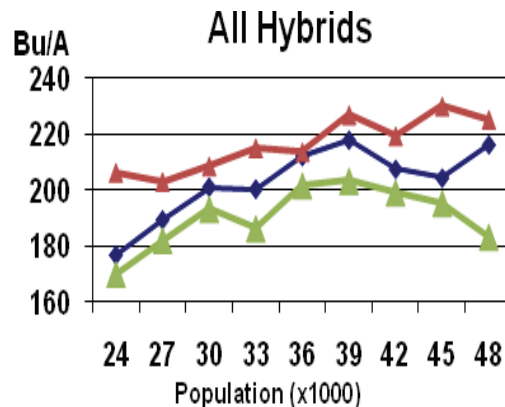
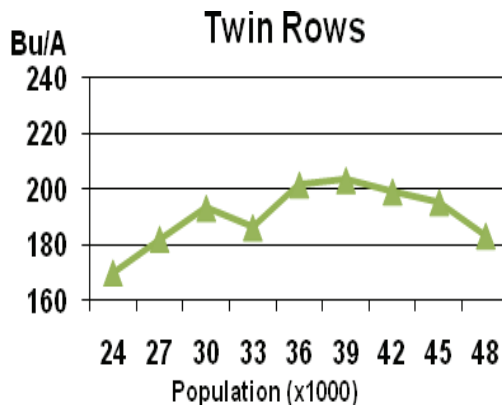
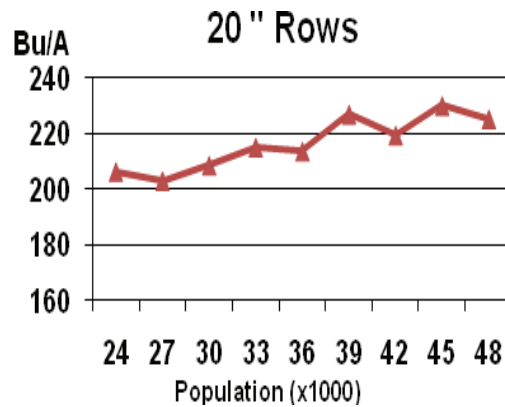
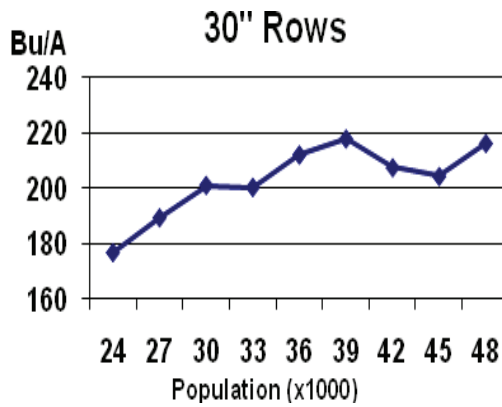
◆ 30" row ▲ 20" row ▲ Twin row



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BECK'S 20" vs. 30" vs. Twin Row Corn Population Study – Continued

◆ 30" row ▲ 20" row ▲ Twin row



Population Summary:

The last several years Beck's Hybrids and the industry as a whole have been talking about higher populations equating to higher yields. This year in 20" rows the highest yield came from 45,000 while the 30" rows and Twin rows posted their highest yields at 39,000. Both 2009 and 2010 results from Southern IN PFR have shown that higher yields are coming as a result of increased populations.

Summary for 20" vs. 30" vs. Twin Rows:

While all three row widths trended towards higher yields at higher populations, 20" rows was the clear winner at this location this year. 20" rows yielded the most across all populations combined and had the highest single yield. 30" rows out yielded Twin rows across all populations. While Twin rows showed a positive response to higher population, the correlation was not as strong as compared to 20" and 30" row configurations.

Summary for Triple Stack vs. RR Hybrids:

In addition to the major study here comparing twelve hybrids across nine populations in three row width configurations, we also took a look at two hybrid platforms comparing Triple stack technology vs. RR technology in the 30" rows. The two Triple stack hybrids (6733HXR™* and 5676HXR™*) out yielded their RR counterparts 11.1 Bu./A across all populations in the 30" rows. While both technologies trended towards higher yields at higher populations, RR actually trended slightly higher this year across these two hybrid platforms. Previous years have shown not only higher yields for Triple Stacks, but also steeper trend line yields at higher populations.

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