



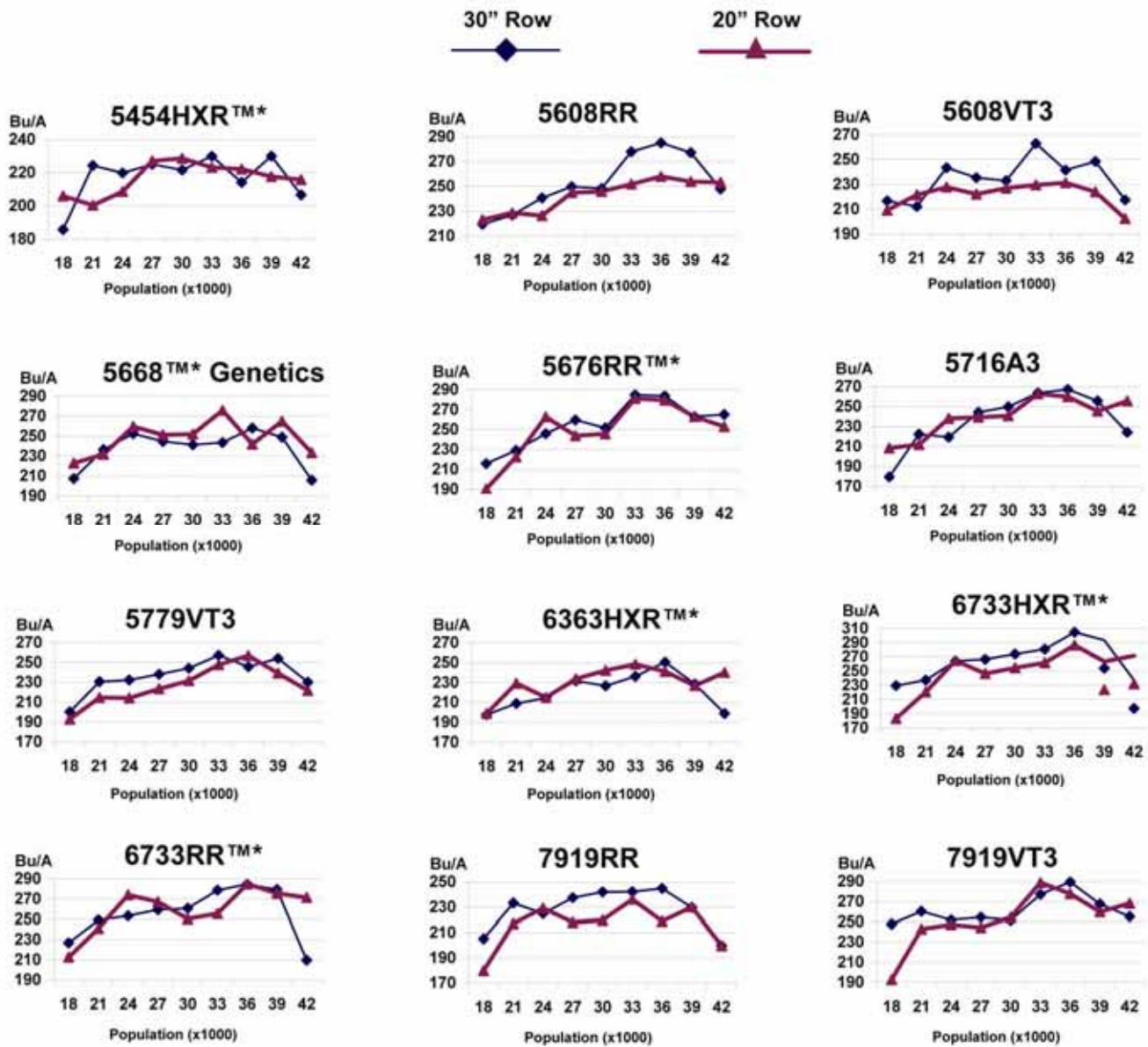
20" vs. 30" Row Corn Population Study - 2009

Planted: May 19, 2009
Harvested: October 3, 2009
Rows: Three 20" rows
 Two 30" rows
Population: Various
Soil Type: Ragsdale Silt Loam

Previous Crop: Soybeans
Tillage: Fall Chisel / Field Cultivator
Herbicide: Pre: 1.5 qts. Harness
 1 qt. Atrazine
 (30" rows) Post: 32 oz. Cornerstone

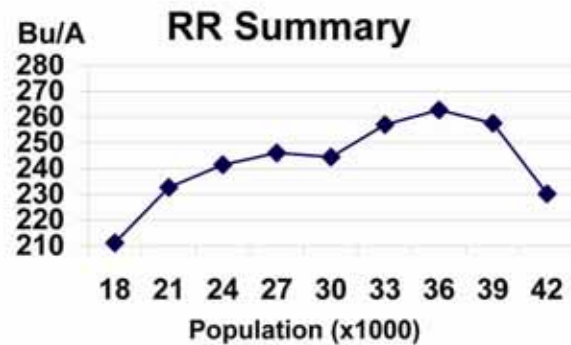
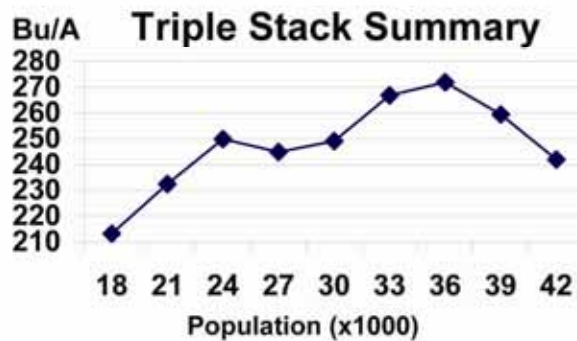
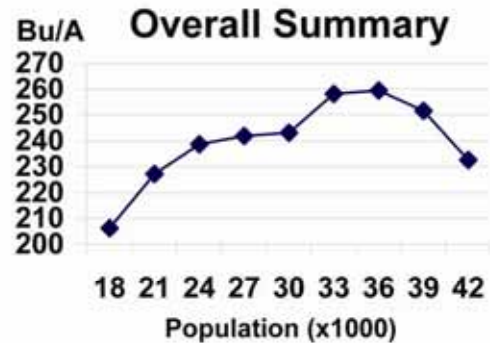
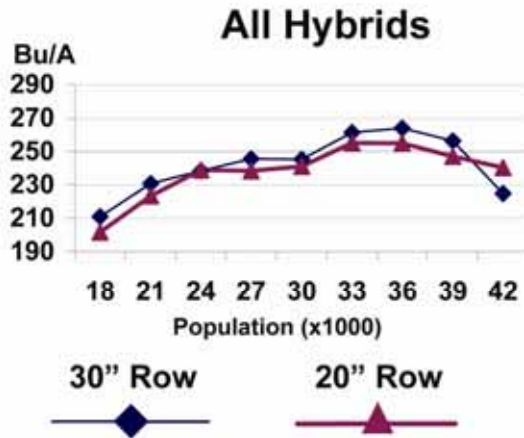
RAINFALL	
April	7.0 in.
May	5.9 in.
June	4.1 in.
July	7.2 in.
August	1.4 in.
Total	25.6 in.

Purpose: An increasing number of farmers have shown an interest in 20" corn rows. This study compares twelve hybrids in 20" and 30" row spacing at final populations ranging from 18,000 to 42,000 to determine the performance difference between 20" and 30" rows and to provide hybrid specific data for farmers planting Beck products in 20" rows.



*XL Brand is distributed by Beck's Superior Hybrids.

20" vs. 30" Row Corn Population Study – Continued



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's population studies continue to show this trend. The overall summary at the top right of this page shows all hybrids across 20" and 30" rows yielding more at higher populations. The highest yields come from 33 – 39,000.

Summary for 20" vs. 30" Rows:

While the two yield lines trended very closely this year, the 30" rows out yielded the 20" rows by 4.1 bushels per acre across all populations (see all hybrids chart at the top left of this page). The 20" rows out yielded the 30" rows at the 42,000 population mirroring the idea that 20" rows may be the next step in increasing yields by increasing populations. The individual graphs for all 12 hybrids tested this year can be seen on the opposite page. Two hybrids (5668™* and 6363HXR™*) showed around a 10 bushel advantage for 20" rows. Please also refer to the 20" vs. 30" studies at our Illinois and Atlanta, IN PFR locations.

Summary for Triple Stack vs. RR Hybrids:

We looked at 3 base genetic families comparing the triple stack version to the RR version. This year the triple stack products showed a 5.1 bushel per acre advantage overall and an increased advantage at the higher populations (+8.1 Bu./A. at the 4 highest populations). This result is very similar to many of the studies we have conducted in the past, even at our southern PFR location.

We also need to consider that the 20" rows were planted with a tractor set-up with 30" rows, so we planted into tire tracks. Also we harvested the 20" rows with a 30" row head. As we consider higher populations and narrow rows, we need to switch equipment to fit the program being used.

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