



Quality Trait Products® - 2008

Planted: April 29, 2008
Harvested: September 19, 2008
Rows: Four 30" rows
Population: 32,000 seeds/A.

Previous Crop: Soybeans
Tillage: Disc / Chisel / Field Cultivator
Herbicide: Pre: Bicep II Magnum
 Roundup Original Max
 Post: Impact
Insecticide: 6 oz. Artic

RAINFALL	
April	4.64 in.
May	6.36 in.
June	3.12 in.
July	8.90 in.
August	0.80 in.
Total	23.82 in.

Purpose: This study shows the Quality Trait Products Beck's is testing and/or offering for sale in the southern marketing area. Opportunities are available for customers in the south to participate in food grade, Non-GMO, and white corn programs. We are also evaluating products that we have identified as High Fermentable Corn.

Quality Trait Product	Brand	Test* Weight	Percent Moisture	Bushels* Per Acre	+ or - Plot Avg.	Potential Premiums
Food Grade	BECK 5333	59.9	19.7	179.3	+13.6	Food Grade \$0.10-\$0.70
Food Grade	BECK 5676™**	58.2	22.0	167.0	+1.3	
Food Grade	BECK 6733	60.4	23.6	166.5	+0.8	
Food Grade	BECK 5387RR	59.3	19.3	150.8	-14.9	
Food Grade	BECK 5335™**	60.9	20.8	149.8	-15.9	
Non-GMO	BECK 5608	57.8	21.7	190.9	+25.2	Non-GMO \$0.20-\$0.50
Non-GMO	BECK 5684	57.0	20.2	190.3	+24.6	
Non-GMO	BECK 5444	57.7	21.7	180.8	+15.1	
H.F.C.	BECK 5722HXR	58.4	21.0	174.0	+8.3	H.F.C. None at this time
H.F.C.	BECK 5444VT3	57.7	21.7	168.3	+2.6	
H.F.C.	BECK 5816CBRR	57.4	21.0	153.6	-12.1	
White Corn	BECK 6218W	<u>58.2</u>	<u>22.3</u>	<u>117.4</u>	-48.3	White Corn \$0.20 +
	AVERAGE	58.6	21.3	165.7		

*Bushels per acre and test weight corrected to 15% moisture.
 **XL Brand distributed by Beck's Superior Hybrids, Inc.

Note: This study was located on a portion of the farm that experienced very heavy pythium pressure this past spring. Pressure seemed to be present in all of the studies where corn followed wheat and double crop soybeans but was significantly worse in this study. Stands were adequate at V2 and diminished by the V4-V5 growth stage. This was particularly bad on the east side of the study in the border and the BECK 6218W entry.

Food Grade Corn - Used by dry millers to produce cereal and snack food products. The endosperm is much harder than commodity corn and is higher in test weight.

Non-GMO – Non-genetically modified or conventional corn is quickly becoming the new specialty corn. Demand from export companies as well as domestic users demand for non-traited corn continues to be strong while trait adoption by the farmer continues to increase. This creates a deficient supply of Non-GMO grain.

High Fermentable Corn (H.F.C.) - Hybrids identified as High Fermentable are those that will produce a higher percentage of ethanol per bushel. Once identified, ethanol producers will use these hybrids to increase ethanol yields and plant efficiencies.

White Corn - White corn mainly used by grain millers to produce snack foods.

Quality Trait Products® is a registered trademark of Beck's Superior Hybrids, Inc.

