

BECK'S Corn Silage Study – 2009

Location: N3 plot
Planted: April 27, 2009
Harvested: September 2, 2009
Rows: Four 30" rows
Population: 32,454 seeds/A.

Previous Crop: Corn
Tillage: V-Rip / S-tine
Herbicide: PPI: 2.3 qts. Bicep II Magnum
 1 qt. Princep 4L
 Post: 1.67 qts. Lexar
Insecticide: None

RAINFALL	
April	7.3 in.
May	4.5 in.
June	5.6 in.
July	2.3 in.
August	3.0 in.
Total	22.7 in.

NIR (Near Infrared Spectroscopy) Test done by Dairy One Forage Labs Ithaca, NY

Purpose: To find hybrids that combine high tonnage along with excellent nutritional quality. This combination produces the highest pounds of milk per acre as calculated by the Milk 2006 program developed by the University of Wisconsin. The pounds of milk per acre data combines the yield in tons with the nutritional data to form one easy to understand number.

Brand	Lbs of Milk/Acre	Lbs of Milk/Ton	% Mois.	65% Moist. Tons/Acre	% Dry Matter Basis					NEL	NEG
					ADF	NDF	Adj. Crude Protein	Starch	Crude Fat		
BECK 5676HXR™*	37,876	3,439	61.5	31.5	16.9	31.8	8.1	46.5	3.5	0.85	0.58
BECK EX 4780	35,360	3,376	64.2	29.9	19.5	35.6	8.3	39.4	3.6	0.80	0.52
BECK 6733HXR™*	35,271	3,276	63.2	30.8	20.7	36.6	7.9	39.4	2.9	0.79	0.52
BECK 6363HXR™*	30,869	3,123	61.1	28.2	21.2	38.0	7.4	40.8	2.8	0.78	0.51
BECK 5244VT3	30,725	2,991	60.5	29.3	25.9	45.5	7.0	33.6	3.4	0.73	0.47
BECK 5135HXR™*	30,627	3,297	62.4	26.5	19.9	36.1	8.0	42.4	3.1	0.79	0.52
BECK 6288CL**	30,615	3,164	60.8	27.6	21.0	38.5	7.0	41.2	3.1	0.79	0.52
BECK 5716A3	30,180	3,038	61.8	28.4	24.7	42.2	7.2	37.6	2.9	0.75	0.48
BECK 5608VT3	29,958	3,018	65.3	28.4	25.7	45.3	8.1	28.9	2.8	0.71	0.44
BECK 5444VT3	29,623	2,917	64.5	29.0	27.1	47.6	7.6	29.5	2.9	0.69	0.43
BECK 5442VT3	27,757	3,024	63.8	26.2	25.5	43.4	7.8	34.4	2.8	0.73	0.46
BECK 5354HXR™*	26,472	3,035	68.8	24.9	27.3	46.4	8.3	28.8	3.3	0.70	0.44

*XL Brand is distributed by Beck's Superior Hybrids, Inc. ** Low population

ADF	Acid Detergent Fiber	Includes cell wall portions made up of cellulose and lignin. As ADF increases, digestibility decreases.
NDF	Neutral Detergent Fiber	Includes ADF plus hemicellulose. As NDF increases, dry matter intake will generally decrease.
NEL	Net Energy of Lactation	An estimate of energy in feed available for lactating animals.
NEG	Net Energy for Gain	An estimate of energy in feed available for non-lactating animals.
Pounds of Milk/Acre & Ton		Calculated using the University of Wisconsin's Milk 2006 Program.

Top Five Hybrids for Silage					
North	Rm (Days)	Central	Rm (Days)	South	Rm (Days)
BECK 5676HXR™*	112	BECK 5676HXR™*	112	BECK 6733HXR™*	114
BECK 5244VT3	106	BECK 6733HXR™*	114	BECK 6363HXR™*	113
BECK 5135HXR™*	104	BECK 6363HXR™*	113	BECK 5676HXR™*	112
BECK 5444VT3	109	BECK 5716A3	111	BECK 5716A3	111
BECK 5354HXR™*	107	BECK 5444VT3	109	BECK 6288A3	112

Summary: Identifying the silage hybrids that produce tons and nutritional value is very important to Beck's Hybrids. Hybrids like the "44" family and new "XL" hybrids like 5676HXR™*, 6363HXR™* and 6733HXR™* have risen to the top of our testing this year. Take a look at the box above to find the hybrids that work best in your area.