

2012 non-GMO & Organic Hybrids Special Report for Minnesota South [MNSO]

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EARLY SEASON TEST
85 - 100 Day CRM

O2MNC05

 PREV. CROP/HERB: Soybean / glyphosate
 SOIL DESCRIPTION: LeSueur-Cordova clay loam, mod. well drained, conventional, non-irrigated
 SOIL CONDITION: High P, High K, 6.4 pH, 5.1% OM
 PEST MANAGEMENT: Force, Steadfast, Callisto
 FERTILITY - Applied N: 130 Fall
 Applied N-P-K (units): 130-25-30

30" ROW SPACING

 SEEDED - RATE: May 13 35,500 /A
 HARVESTED - STAND: Oct 11 31,100 /A

TOP 30 OF 32 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Status*	End Use**	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Prairie Hybrids	1711	O	Dual	101	180.3	13.9	1	34.1	2,705	1
AgVenture	5039	C-T	Feed	95	167.8	13.6	0	29.0	2,517	2
Blue River	45R37	O	Feed	99	167.7	13.5	1	28.3	2,516	3
Viking	O.6710	O	Dual	98	166.3	13.4	1	29.8	2,495	4
Titan Pro	1018	C-T	Feed	101	164.6	13.9	0	31.2	2,469	5
Brown Seed	Cb11C22	C-U	Silage	106	163.1	17.3	0	34.1	2,437	6
Titan Pro	930	C-T	Feed	93	161.7	13.1	1	32.0	2,426	7
Blue River	40R73	O	Feed	97	161.4	13.6	0	30.5	2,421	8
Viking	O.69-99N	O	Dual	100	154.1	13.7	0	31.2	2,312	9
Titan Pro	961	C-T	Feed	96	153.9	13.4	1	32.7	2,309	10
Blue River	42A32	O	Feed	96	152.5	13.5	13	26.9	2,288	11
Stine	9420	C-T	Feed	100	150.4	13.8	0	31.2	2,256	12
Prairie Hybrids	231	O	Dual	97	148.8	13.4	0	29.8	2,232	13
Viking	O.7292	O	Feed	95	147.3	13.3	1	31.9	2,210	14
Brown Seed	Cb11F32	C-U	Dual	97	144.9	13.9	0	31.2	2,174	15
AgVenture	42C11	C-T	Feed	92	143.4	13.2	7	31.9	2,151	16
Prairie Hybrids	O371	O	Dual	92	142.6	13.5	0	31.9	2,139	17
Blue River	29B17	O	Dual	89	141.3	13.4	1	32.7	2,120	18
Viking	80-92UNT	C-U	Feed	92	140.1	13.3	0	31.2	2,102	19
Viking	O.85-90N	O	Feed	90	138.2	13.3	0	32.7	2,073	20
Blue River	34C17	O	Dual	94	137.5	13.6	5	31.2	2,063	21
Viking	O.79-96N	O	Dual	96	136.8	13.4	1	32.7	2,052	22
Brown Seed	Cb11C18	C-U	Dual	105	136.2	14.8	0	31.2	2,043	23
Blue River	37A37	O	Dual	95	133.6	13.5	0	31.2	2,004	24
Brown Seed	Cb11E51	C-U	Dual	88	129.3	13.8	0	30.5	1,940	25
Brown Seed	Cb11E55	C-U	Dual	98	115.0	15.1	0	32.7	1,725	26
Richland	2883BC	C-U	Food	88	114.1	13.3	1	28.3	1,712	27
Richland	2871BC	C-U	Food	87	113.0	13.2	10	29.0	1,695	28
Richland	2613Bx2111B	C-U	Food	102	112.7	15.4	0	32.0	1,689	29
Brown Seed	Cb10S112	C-U	HiPro	92	111.8	13.8	0	30.5	1,677	30
Test Average =					141.9	13.8	1	31.1	2,129	
LSD (0.10) =					20.6	0.6	ns			
C.V. =					8.6	2.4				



F.I.R.S.T. Manager

TEST COMMENTS: *Early season growth was strong due to beneficial rainfall in May. June, July and August each brought 1.5" of rain, but the July and August rains were very scattered, and lacked intensity. Lodging scores were mostly low, although a few plots had weak or lodged stalks caused by nutrients being pulled from the stalks to fill kernels in the ears.*

Lat: 44.27082, Long: -93.85864

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$15.00

* Status - C = conventional; O = organic; T = Treated; U = untreated

** End Use - Feed = animal consumption; Food = human consumption; Dual = ; HiPro = high protein; Silage = corn silage

Bold yields are significantly above test average. ns = not significantly different