

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

Dennis Lutteke, Faribault County, MN 56097 [WELLS]

EARLY SEASON TEST
85 - 100 Day CRM

O2MNC04

 PREV. CROP/HERB: Alfalfa / None, Organic
 SOIL DESCRIPTION: Nicollet-Webster clay loam, well drained, conventional, non-irrigated
 SOIL CONDITION: High P, High K, 6.9 pH, 4.9% OM
 PEST MANAGEMENT: None, Organic
 FERTILITY - Applied N: 48 Spring
 Applied N-P-K (units): 52-37-58

30" ROW SPACING

 SEEDED - RATE: May 17 35,500 /A
 HARVESTED - STAND: Oct 10 28,700 /A

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

AVERAGE of (4) REPLICATIONS

Company/Brand	Product/Brand	Status*	End Use**	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Blue River	45R37	O	Feed	99	210.7	14.1	1	30.5	3,161	1
Titan Pro	1018	C-T	Feed	101	206.2	13.6	0	31.2	3,093	2
Blue River	40R73	O	Feed	97	197.0	13.5	8	29.0	2,955	3
Viking	O.69-99N	O	Dual	100	188.6	13.4	4	29.4	2,829	4
Blue River	42A32	O	Feed	96	188.0	13.4	1	30.8	2,820	5
Viking	O.6710	O	Dual	98	185.1	13.5	2	28.7	2,777	6
Viking	O.7292	O	Feed	95	184.9	13.6	1	30.1	2,774	7
Prairie Hybrids	1711	O	Dual	101	184.6	13.5	1	30.5	2,769	8
Titan Pro	961	C-T	Feed	96	182.4	13.4	0	31.6	2,736	9
Brown Seed	Cb11C18	C-U	Dual	105	182.1	15.3	16	29.8	2,730	10
Titan Pro	930	C-T	Feed	93	179.9	12.9	2	28.3	2,699	11
AgVenture	42C11	C-T	Feed	92	179.0	13.0	1	26.5	2,685	12
Viking	80-92UNT	C-U	Feed	92	178.9	13.0	1	27.9	2,684	13
AgVenture	5039	C-T	Feed	95	177.9	13.0	2	29.4	2,669	14
Brown Seed	Cb11F32	C-U	Dual	97	175.7	13.8	1	26.1	2,636	15
Blue River	37A37	O	Dual	95	175.3	13.8	4	30.5	2,630	16
Prairie Hybrids	231	O	Dual	97	175.3	13.6	6	29.0	2,630	17
Prairie Hybrids	O371	O	Dual	92	171.4	12.8	0	29.0	2,571	18
Blue River	34C17	O	Dual	94	171.3	12.9	0	28.3	2,570	19
Viking	O.85-90N	O	Feed	90	170.6	12.9	0	30.1	2,559	20
Brown Seed	Cb11C22	C-U	Silage	106	168.8	19.4	1	29.4	2,513	22
Viking	O.79-96N	O	Dual	96	168.3	14.0	1	30.9	2,525	21
Stine	9420	C-T	Feed	100	159.2	13.1	20	29.1	2,388	23
Brown Seed	Cb11E51	C-U	Dual	88	155.5	13.5	0	29.0	2,333	24
Blue River	29B17	O	Dual	89	152.4	13.1	1	24.7	2,286	25
Brown Seed	Cb11E55	C-U	Dual	98	152.1	14.4	0	30.1	2,282	26
Richland	2176Bx2111B	C-U	Food	105	150.4	16.5	28	28.3	2,250	27
Brown Seed	Cb10S112	C-U	HiPro	92	141.5	13.8	0	25.8	2,123	28
Richland	2613Bx2111B	C-U	Food	102	140.5	17.0	13	29.8	2,101	29
Richland	2883BC	C-U	Food	88	133.4	12.8	7	24.3	2,001	30

 Test Average = **169.9** **13.8** **4** **28.7** **2,547**

LSD (0.10) = 13.9 0.6 8

C.V. = 7.0 4.0



F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were quite good here. Rainfall was plentiful in early summer, but dried up considerably after late June. Plants stood well at harvest, although the dry weather of late summer caused rapid maturity and some weaker stalks. This site yielded very well as an organically managed site. Dennis manages a highly productive, diversified organic farm.* Lat: 43.77623, Long: -93.74332

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 = grain and silage or feed and food; HiPro = high protein; Silage = corn silage

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

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

Dennis Lutteke, Faribault County, MN 56097 [WELLS]

FULL SEASON TEST
90 - 105 Day CRM

O2MNSO03

 PREV. CROP/HERB: Alfalfa / None, Organic
 SOIL DESCRIPTION: Nicollet-Webster clay loam, well drained, conventional, non-irrigated
 SOIL CONDITIONS: High P, High K, 6.9 pH, 4.9% OM
 PEST MANAGEMENT: None, Organic
 FERTILITY - Applied N: 48 Spring
 Applied N-P-K (units): 52-37-58


30" ROW SPACING

 SEEDED - RATE: May 17 35,500 /A
 HARVESTED - STAND: Oct 10 30,700 /A

TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (4) REPLICATIONS

Company/Brand	Product/Brand	Status*	End Use**	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	1059	C-T	Feed	105	222.4	14.7	1	32.3	3,336	1
Prairie Hybrids	5879	O	Dual	107	216.1	14.9	3	30.8	3,242	2
J Pasker	JP 1018	C-T	Feed	101	215.3	14.0	0	31.9	3,230	3
Pioneer	35F38	C-T	Feed	105	215.2	14.4	0	32.3	3,228	4
AgriGold	A6323CL	C-T	Feed	103	214.8	14.6	0	31.9	3,222	5
AgVenture	6308	C-T	Feed	102	211.2	13.4	0	32.3	3,168	6
Renk	RK654	C-T	Feed	100	210.7	13.6	0	31.2	3,161	7
Blue River	40R73	O	Feed	97	207.7	13.4	1	30.5	3,116	8
Blue River	53R57	O	Dual	104	207.1	14.2	8	31.9	3,107	9
Prairie Hybrids	3081	O	Dual	104	206.9	14.6	0	31.6	3,104	10
Viking	O.59-06N	O	Feed	106	205.6	14.6	3	31.2	3,084	11
Prairie Hybrids	1711	O	Dual	101	204.9	13.5	1	30.5	3,074	12
Pioneer	36V52	C-T	Feed	102	204.7	13.6	0	31.6	3,071	13
Viking	O.69-99N	O	Dual	100	203.8	13.5	2	31.6	3,057	14
J Pasker	JP 1040	C-T	Feed	104	203.5	13.6	2	31.6	3,053	15
Titan Pro	1041	C-T	Feed	104	202.7	14.1	19	30.5	3,041	16
AgVenture	42C11	C-T	Feed	92	202.4	12.9	1	31.2	3,036	17
Viking	O.7292	O	Feed	95	201.5	13.4	7	30.1	3,023	18
Blue River	45R37	O	Feed	99	198.8	13.5	1	28.7	2,982	19
Titan Pro	1018	C-T	Feed	101	198.1	13.6	0	31.6	2,972	20
Blue River	47A36	O	Feed	102	197.0	13.9	5	31.6	2,955	21
Prairie Hybrids	2730	O	Dual	102	195.7	14.1	13	31.2	2,936	22
Viking	O.95-03N	O	Feed	103	195.4	13.8	13	30.8	2,931	23
Brown Seed	Cb11C8	C-U	Dual	98	193.0	15.8	24	31.9	2,891	24
AgVenture	5039	C-T	Feed	95	187.8	13.2	1	31.9	2,817	25
Blue River	41R00	O	Feed	96	185.7	13.4	10	29.0	2,786	26
Blue River	48B30	O	Feed	102	184.7	14.1	20	29.4	2,771	27
Viking	O.6710	O	Dual	98	184.3	13.4	4	29.8	2,765	28
Stine	9420	C-T	Feed	100	181.8	13.4	5	30.1	2,727	29
Brown Seed	Cb5968VP	C-U	HiPro/Grair	105	178.7	15.3	1	29.8	2,679	30
Test Average =					194.7	14.2	7	30.7	2,921	
LSD (0.10) =					15.0	0.7	10			
C.V. =					6.6	4.1				


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were quite good here. Rainfall was plentiful in early summer, but dried up considerably after late June. Plants stood well at harvest, although the dry weather of late summer caused rapid maturity and some weaker stalks. This site yielded very well as an organically managed site. Dennis manages a highly productive, diversified organic farm.* Lat: 43.77623, Long: -93.74332

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