


2012 non-GMO & Organic Hybrids Special Report for Minnesota South [MNSO]
 Mark Querna, Waseca County, MN 56072 [NEW RICHLAND]

EARLY SEASON TEST
85 - 100 Day CRM

PREV. CROP/HERB: Soybean / None, Organic O2MNC05
 SOIL DESCRIPTION: Nicollet-Webster clay loam, well drained, conventional, non-irrigated
 SOIL CONDITION: High P, High K, 6.1 pH, 5.1% OM
 PEST MANAGEMENT: None, Organic 30" ROW SPACING
 FERTILITY - Applied N: 82 Spring
 Applied N-P-K (units): 82-62-70
 SEEDED - RATE: May 18 35,500 /A TOP 30 OF 32 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 12 23,100 /A AVERAGE of (4) REPLICATIONS

Company/Brand	Product/Brand	Status*	End Use**	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgVenture	42C11	C-T	Feed	92	148.1	15.0	0	25.8	2,222	1
Titan Pro	930	C-T	Feed	93	148.0	16.1	0	23.6	2,216	2
Viking	80-92UNT	C-U	Feed	92	146.8	15.3	0	22.9	2,201	3
Blue River	34C17	O	Dual	94	146.7	15.2	0	26.1	2,200	4
Blue River	40R73	O	Feed	97	146.7	17.8	0	24.7	2,190	5
Prairie Hybrids	1711	O	Dual	101	145.9	18.2	0	24.3	2,177	6
Viking	O.7292	O	Feed	95	145.5	18.2	0	26.5	2,171	7
Viking	O.69-99N	O	Dual	100	141.0	18.1	0	23.2	2,104	8
Blue River	45R37	O	Feed	99	140.3	18.3	0	22.2	2,093	9
Titan Pro	961	C-T	Feed	96	138.8	16.8	0	24.7	2,076	11
AgVenture	5039	C-T	Feed	95	138.7	15.5	0	24.0	2,079	10
Stine	9420	C-T	Feed	100	136.6	17.9	0	26.1	2,039	12
Titan Pro	1018	C-T	Feed	101	134.8	17.4	0	23.2	2,014	13
Blue River	42A32	O	Feed	96	131.0	18.1	0	22.9	1,955	14
Blue River	37A37	O	Dual	95	128.9	17.4	0	25.1	1,926	15
Brown Seed	Cb11F32	C-U	Dual	97	125.3	17.4	0	23.2	1,872	16
Viking	O.85-90N	O	Feed	90	122.5	14.7	0	21.8	1,838	17
Viking	O.6710	O	Dual	98	120.4	16.5	0	22.2	1,802	19
Prairie Hybrids	O371	O	Dual	92	120.3	14.2	0	20.7	1,805	18
Brown Seed	Cb11E55	C-U	Dual	98	114.7	18.8	0	25.1	1,710	20
Prairie Hybrids	231	O	Dual	97	110.9	17.0	0	25.1	1,658	21
Richland	2176Bx2111B	C-U	Food	105	104.3	21.6	0	22.9	1,547	22
Brown Seed	Cb11C18	C-U	Dual	105	103.7	20.3	0	25.0	1,542	23
Brown Seed	Cb11C22	C-U	Silage	106	101.5	26.1	0	22.5	1,494	24
Brown Seed	Cb11E51	C-U	Dual	88	98.2	15.7	0	20.7	1,471	25
Viking	O.79-96N	O	Dual	96	96.7	17.4	0	20.0	1,445	26
Blue River	29B17	O	Dual	89	94.8	17.1	0	19.6	1,417	27
Richland	2883BC	C-U	Food	88	78.9	14.6	0	20.7	1,184	28
Richland	2871BC	C-U	Food	87	76.5	13.7	9	21.4	1,148	29
Brown Seed	Cb10S112	C-U	HiPro	92	72.1	16.1	0	22.9	1,080	30
					Test Average =	118.5	17.3	0	23.1	1,771
					LSD (0.10) =	26.9	1.4	ns		
					C.V. =	19.3	7.1			


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were good with plentiful rainfall in May and early June getting crops started quickly. Rainfall dropped off significantly after late June. Plants stood well at harvest. Weed control was an issue in some individual plot strips causing greater variability than normal, even for organic management. 2 passes with rotary hoe and 2 cultivations.* Lat: 43.91124, Long: -93.45213

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

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 Mark Querna, Waseca County, MN 56072 [NEW RICHLAND]

FULL SEASON TEST
90 - 105 Day CRM

O2MNSO02

PREV. CROP/HERB: Soybean / None, Organic
 SOIL DESCRIPTION: Nicollet-Webster clay loam, well drained, conventional, non-irrigated
 SOIL CONDITIONS: High P, High K, 6.1 pH, 5.1% OM
 PEST MANAGEMENT: None, Organic
 FERTILITY - Applied N: 82 Spring
 Applied N-P-K (units): 82-62-70

30" ROW SPACING

SEEDED - RATE: May 18 35,500 /A
 HARVESTED - STAND: Oct 12 23,800 /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
AgriGold	A6323CL	C-T	Feed	103	170.6	18.0	0	27.9	2,546	1
Pioneer	36V52	C-T	Feed	102	160.8	16.8	0	25.4	2,405	2
J Pasker	JP 1018	C-T	Feed	101	160.6	17.9	0	25.4	2,397	3
AgVenture	42C11	C-T	Feed	92	155.6	15.7	0	25.8	2,331	4
AgVenture	6308	C-T	Feed	102	152.7	17.3	0	27.2	2,282	5
Stine	9420	C-T	Feed	100	152.6	18.2	0	26.5	2,277	6
Prairie Hybrids	2730	O	Dual	102	152.1	18.7	0	22.1	2,267	7
Renk	RK654	C-T	Feed	100	150.8	17.5	0	27.9	2,253	8
Titan Pro	1059	C-T	Feed	105	150.3	19.4	0	26.9	2,238	9
Viking	O.95-03N	O	Feed	103	149.1	20.8	0	24.0	2,215	11
Prairie Hybrids	1711	O	Dual	101	149.0	18.4	0	23.2	2,222	10
AgVenture	5039	C-T	Feed	95	147.9	16.9	0	27.2	2,212	12
Pioneer	35F38	C-T	Feed	105	145.5	19.5	0	24.0	2,166	13
Prairie Hybrids	5879	O	Dual	107	141.9	19.3	1	24.0	2,113	14
J Pasker	JP 1040	C-T	Feed	104	141.8	20.3	0	22.5	2,108	16
Titan Pro	1018	C-T	Feed	101	141.7	18.5	0	26.5	2,113	15
Viking	O.59-06N	O	Feed	106	141.0	22.1	0	24.0	2,090	17
Blue River	53R57	O	Dual	104	140.2	19.4	0	24.7	2,088	18
Blue River	45R37	O	Feed	99	139.8	18.1	0	22.5	2,086	19
Blue River	40R73	O	Feed	97	135.6	17.5	0	22.2	2,026	20
Blue River	48B30	O	Feed	102	134.9	19.2	0	22.5	2,009	21
Viking	O.7292	O	Feed	95	133.7	16.7	0	20.7	2,000	22
Titan Pro	1041	C-T	Feed	104	133.4	18.6	1	23.6	1,989	23
Brown Seed	Cb5968VP	C-U	HiPro/Grair	105	132.1	20.6	0	22.5	1,963	24
Blue River	47A36	O	Feed	102	130.7	18.5	0	25.4	1,949	25
Viking	O.79-96N	O	Dual	96	126.2	18.4	0	23.6	1,882	26
Brown Seed	Cb11D37	C-U	Dual	95	125.3	19.5	4	23.2	1,865	27
Viking	O.69-99N	O	Dual	100	122.6	19.2	0	21.4	1,826	28
Blue River	41R00	O	Feed	96	116.9	17.2	0	21.1	1,747	29
Viking	O.6710	O	Dual	98	116.0	17.1	0	20.7	1,734	30
					Test Average =	134.1	18.9	0	23.8	2,000
					LSD (0.10) =	26.9	1.3	ns		
					C.V. =	17.1	5.8			



F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were good with plentiful rainfall in May and early June getting crops started quickly. Rainfall dropped off significantly after late June. Plants stood well at harvest. Weed control was an issue in some individual plot strips causing greater variability than normal, even for organic management. 2 passes with rotary hoe and 2 cultivations.*

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

Complete brands tested list & searchable database available at www.firstseedtests.com

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Revised: