

2018 Corn Grain Top 30 Harvest Report
 Red River Valley South [RRSO] BARNESVILLE
 Nate Thompson, Clay County, MN 56514



PREV. CROP/HERB: Sugarbeet / Roundup, Dual, Nortron
 SOIL DESCRIPTION: Wyndmere sandy loam, mod. poor drained, non-irrigated
 SOIL CONDITION: Conventional w/o fall till, medium P, medium K, 8.1 pH, 4.3% OM, 34 CEC
 PEST MANAGEMENT: Roundup, Armezon, atrazine
 FERTILITY - Applied N: 250 Spring
 Applied N-P-K (units): 250-55-15
 SEEDING - RATE - ROW: May 7 33,000 /A 30" spacing
 HARVESTED - STAND: Nov 2 31,400 /A

Full-Season Test
91 - 95 Day CRM
 B2018RRSO02b

Top 30 of 40
 For Gross Income (Sorted by Yield)
 Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	6993VT2P	VT2P	93	188.2	18.1	0	32.1	512	1
Enestvedt	E612RR	RR2	92	186.8	17.8	0	31.0	510	2
Titan Pro	82-95 2P	VT2P,B	95	184.9	18.8	0	31.0	500	4
Latham	LH4454VT2ProRIB	VT2P,B	94	183.5	17.7	0	32.1	501	3
Mustang	3294VT2PRIB	VT2P,B	94	183.3	18.8	1	32.5	496	5
Latham	LH4437VT2ProRIB	VT2P,B	94	180.8	18.1	0	31.7	492	6
Latham	LH4517VT2Pro	VT2P	95	179.2	18.1	0	32.1	488	7
Golden Harvest	G95D32-3220-EZR	3220,B	95	178.1	18.2	0	31.4	484	8
Thunder	6794VT2P	VT2P,B	94	177.4	19.3	0	31.7	478	9
Titan Pro	TP 48-93 2P GC	VT2P,B	93	176.6	18.9	0	31.7	477	10
Dahlman	R48-28VT2PRIB	VT2P,B	95	176.3	18.7	0	31.0	477	11
Federal	4580VT2PRIB GC	VT2P,B	95	175.1	19.4	0	32.1	471	15
Titan Pro	TP 58-95 SS GC	STX,B	95	174.9	18.1	0	31.4	476	12
Hefty	H4222VT2P	VT2P	92	174.4	19.2	0	31.7	470	17
Golden Harvest	G90Y04-3220A-EZR	3220,A,B	92	174.4	19.9	0	31.4	467	20
Anderson	742R	RR2	92	173.8	17.9	0	32.1	474	13
Hefty	H4324SS	STX	93	173.3	19.0	0	29.9	468	19
Hefty	H4522VT2P	VT2P	95	172.4	18.8	0	31.7	466	21
Anderson	795R	RR2	95	172.1	18.9	0	31.7	465	23
Dahlman	R47-24VT2PRIB	VT2P,B	94	171.7	16.5	2	31.0	474	14
Dyna-Gro	D34VC54	VT2P	94	171.7	17.3	0	31.4	471	16
Thunder	6791VT2P	VT2P,B	91	171.1	17.3	0	30.6	469	18
Dyna-Gro	D32VC41	VT2P	92	170.5	17.6	0	31.7	466	22
REA	3B923	VT2P,B	92	168.8	18.2	0	31.0	459	25
NuTech	5G-293	3110,A	93	168.7	18.5	0	32.1	458	26
Hefty	H4102VT2PRIB	VT2P,B	91	168.3	17.3	0	32.1	462	24
NK Brand	NK9227-3220A-EZR	3220,A,B	92	167.8	18.6	0	31.4	455	27
Renk	RK433RR	RR2	92	166.0	18.8	0	31.0	449	28
Mustang	2291VT2PRIB	VT2P,B	91	162.9	16.7	0	31.7	449	29
Thunder	6992VT2P	VT2P	92	161.0	16.1	0	31.4	446	30
Pioneer	P9188AM CK	AM,B	91	157.6	16.4	1	31.7	436	39
Averages =				171.2	18.1	0	31.4	466	
LSD (0.10) =				10.5	0.8	ns			
LSD (0.25) =				5.5	0.4	ns			
C.V. =				6.7					

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New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.80; non-GMO = \$2.80

Test Comments: *The plot was planted into a previous year sugar beet field the same day Nate, our host, planted the surrounding field. Growing season rainfall for this site was slightly drier and slightly warmer than the 10-year average. The only dry spell ran from July 22 to August 23, when only 1.3 inches of rain fell. At harvest, hybrids had varying degrees of ear tip dieback, while others were filled to the tip.*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Report Date: 11/05/2018 Revised: