

**NDSU Carrington Research Extension Center
2014 Variety Trial Data**

Corn - Irrigated

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Brand	Hybrid	R.M.	Hybrid Traits ¹	Days to Silk	Ear Height inch	Plant Height inch	Grain Protein %	Starch Content %	Harvest Moisture %	Test Weight lb/bu	----- Grain Yield -----	
											2014 -----	2-yr. Avg. ----- bu/ac -----
Agventure	RL1742HB	79	RR/LL/HB	71.5	39.5	82.5	9.4	72.7	15.7	54.0	151.9	--
Agventure	RL2289HB	81	RR/LL/HB	72.5	39.3	94.9	9.7	72.2	16.3	54.9	181.6	--
Agventure	GL2932AB	85	G/LL/AB	76.8	44.0	99.6	9.3	73.4	16.7	53.3	189.9	--
Agventure	RL3645YHB	89	RR/LL/YB/HB	78.3	51.9	112.5	9.5	72.7	17.5	52.9	183.7	--
Blue River	09R19	79	RR	72.3	36.3	89.2	9.7	72.3	15.7	58.1	170.3	--
Chanel	187-42VT2PRIB	87	VT2P	75.5	40.0	99.3	8.5	72.8	16.5	56.3	170.9	--
Dairyland Seed	DS-9780Q	80	HXT	73.8	36.0	93.8	10.3	72.4	15.9	57.7	152.2	150.3
Dairyland Seed	DS-6284	84	RR	75.0	37.0	94.9	9.1	72.3	17.5	53.9	160.7	--
Dairyland Seed	DS-7085	85	GTCBLL	75.8	41.1	96.9	9.4	72.6	16.5	55.4	170.8	168.0
Dyna-Gro	D23VC35	83	VT2P	76.3	40.5	85.3	9.4	73.5	17.6	54.4	168.2	169.6
Dyna-Gro	D25VC66	85	VT2P	76.3	43.3	93.3	9.0	72.4	16.4	55.3	161.7	--
Dyna-Gro	D27VC76	87	VT2P	75.5	41.1	97.3	9.4	72.4	16.7	56.7	175.0	--
Integra	3142	81	VT3PRIB	73.3	40.6	94.4	9.2	72.6	15.8	56.3	154.7	--
Integra	9333	83	VT2PRIB	75.0	42.5	91.0	9.7	72.8	16.0	58.2	160.0	166.0
Integra	9352	85	VT3PRO	74.5	41.1	88.9	8.8	73.7	16.5	55.4	179.6	179.8
Integra	3537	85	VT2PRO	76.0	42.9	99.6	8.9	72.9	16.1	55.4	176.7	182.2
Legacy Seeds	L2213	82	VT2Pro	70.8	31.7	82.3	9.1	73.4	16.2	56.4	163.4	--
Legacy Seeds	L2314	83	VT2Pro	73.8	39.0	87.0	9.0	73.3	16.5	55.3	175.5	--
Legacy Seeds	L2643	86	VT2Pro	75.5	42.8	96.0	9.2	72.5	16.1	55.8	162.0	--
Legacy Seeds	L2813	87	VT2Pro	76.3	43.3	101.6	9.0	71.9	16.6	54.7	191.1	--
Legacy Seeds	L2914	88	VT2Pro	75.5	41.5	97.2	9.6	71.9	16.9	56.8	174.6	--
Legacy Seeds	L3011	91	VT3Pro	76.3	40.6	102.2	9.0	73.9	16.9	54.3	178.8	--
Mycogen Seeds	2Y189	85	SSXRA	76.0	40.7	93.0	9.3	72.0	17.3	52.7	166.3	--
MEAN				75.3	41.1	95.6	9.2	72.7	16.8	54.8	172.5	--
C.V. (%)				1.6	9.4	5.0	3.9	1.2	2.6	1.2	9.2	--
LSD 0.10				1.4	4.5	5.5	0.4	1.0	0.5	0.7	18.5	--
LSD 0.05				1.7	5.4	6.6	0.5	1.2	0.6	0.9	22.1	--

Planting Date = May 14 ; Harvest Date = November 18 ; Previous Crop = Soybean

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											2014 bu/ac	2-yr. Avg.
Nuseed	2852 GTCBLL	85	GTCBLL	75.5	44.6	99.2	8.7	72.8	17.6	53.3	184.4	179.0
Nuseed	8504 VT2P	85	vt double pro	74.3	37.0	86.0	9.3	73.1	16.9	55.0	164.6	--
Nuseed	8701 VT2P	87	vt double pro	75.5	42.4	97.7	8.9	73.1	16.0	55.8	174.2	176.1
Nuseed	9001 VP3220	90	Viptera 3220	81.3	47.8	109.2	9.7	71.7	18.9	50.6	192.4	189.3
NuTech	5B-186	86	GT/CB/LL	76.0	43.5	98.0	9.2	73.6	17.2	53.6	161.9	173.6
NuTech	5B-290	90	GT/CB/LL	79.0	48.8	108.7	9.3	72.5	18.3	51.2	199.0	189.5
NuTech	5B-195	95	GT/CB/LL/RW/B	80.3	47.6	103.9	9.0	72.9	20.4	49.0	155.0	--
NuTech/G2 Genetics	5F-091	91	YGCB/HX1/RR2/	75.5	40.6	95.4	8.9	72.1	18.6	51.7	192.9	--
NuTech/G2 Genetics	5X-894	94	HXT/RR2/LL	78.0	41.5	102.5	9.1	73.2	17.7	52.6	173.8	179.9
NuTech/G2 Genetics	5Y-196	96	YGCB/HX1/RR2/	78.8	43.3	100.0	9.0	72.1	17.8	50.5	174.5	--
PFS	71D83	83	VT2P	71.3	34.4	88.7	9.2	73.2	16.5	55.9	154.1	159.0
PFS	75K85	85	VT2P	75.8	43.7	97.1	9.2	71.7	16.5	55.0	174.4	179.4
Proseed	1083 GT3000	83	3000 GT	75.5	41.7	103.1	9.3	72.2	16.8	54.1	192.4	--
Proseed	1384 VT2P	84	VT2P	73.8	37.0	98.3	9.0	72.8	16.1	56.5	184.6	--
Proseed	PX 85 VT2P	85	VT2P	74.5	42.6	97.4	9.3	71.9	16.3	55.6	174.1	181.3
Proseed	1288 VIP3111	88	VIP3111	77.5	41.5	97.2	9.3	72.7	18.5	50.5	187.7	--
PRS	98E84	84	VT2P	76.3	41.3	93.3	9.5	72.7	16.9	54.3	169.6	--
REA Hybrids	1B820-RIB	82	RR2 Bt	73.3	36.9	93.5	9.6	72.8	16.4	56.3	175.8	--
REA Hybrids	2B830-RIB	83	RR2 Bt	74.3	44.7	95.9	9.8	71.8	15.8	56.3	174.6	176.7
REA Hybrids	2B550-RIB	85	RR2 Bt	73.3	40.5	92.4	8.7	72.4	16.2	54.9	182.1	--
REA Hybrids	2B850-RIB	85	RR2 Bt	75.0	34.8	90.4	9.1	72.4	16.8	54.7	164.8	158.9
REA Hybrids	2B870-RIB	87	RR2 Bt	74.5	48.6	109.1	9.3	72.3	16.4	54.7	178.4	--
REA Hybrids	2A871-RIB	87	RR2 Bt CRW	74.8	34.4	91.1	9.4	73.1	17.9	54.6	169.1	--
MEAN				75.3	41.1	95.6	9.2	72.7	16.8	54.8	172.5	--
C.V. (%)				1.6	9.4	5.0	3.9	1.2	2.6	1.2	9.2	--
LSD 0.10				1.4	4.5	5.5	0.4	1.0	0.5	0.7	18.5	--
LSD 0.05				1.7	5.4	6.6	0.5	1.2	0.6	0.9	22.1	--

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											2014 -----	2-yr. Avg. ----- bu/ac -----
REA Hybrids	3B890-RIB	89	RR2 Bt	76.3	41.1	91.6	8.5	74.0	17.2	55.0	183.9	182.1
REA Hybrids	3B330-RIB	90	RR2 Bt	76.8	42.7	94.8	9.0	74.0	17.2	54.0	183.0	--
REA Hybrids	3A901-RIB	90	RR2 Bt CRW	76.0	42.3	100.9	8.9	73.1	17.9	52.7	182.8	--
Renk	RK266VT3P	85	VT3P	74.3	40.4	92.3	9.2	73.5	16.8	55.6	160.8	171.3
Renk	RK299VT2P	89	VT2P	77.5	41.3	97.3	9.3	73.2	16.7	54.0	184.2	--
Thunder	4377	77	RR	73.0	41.3	96.1	9.3	73.0	15.6	58.1	163.0	152.9
Thunder	4578	78	RR	72.3	39.9	91.6	9.3	72.9	15.7	55.7	153.8	163.7
Thunder	6180	80	VT2P	72.8	37.2	87.8	9.9	72.7	16.7	56.7	146.4	152.2
Thunder	5181	81	RR	73.5	37.2	94.1	9.4	72.2	16.1	55.0	147.5	--
Thunder	6382	82	VT2P	76.0	42.7	94.5	9.3	73.4	17.0	55.3	173.0	176.3
Thunder	4383	83	VT2P	73.0	35.7	88.8	9.2	73.8	16.5	55.8	172.6	165.1
Thunder	4585	85	RR	75.0	45.5	95.7	9.1	72.8	16.5	55.6	178.9	185.0
Wensman Seed	W 80841V2RIB	84	VT2 PRO, RR2	75.0	42.7	92.7	9.2	72.2	16.1	56.5	169.3	--
Wensman Seed	W 80866VT2RIB	86	VT2 PRO, RR2	72.8	39.4	90.2	9.1	72.6	16.3	55.6	173.5	--
Wensman Seed	W 8097VT2RIB	88	VT2 PRO, RR2	76.0	41.3	96.3	8.9	72.9	16.1	55.4	181.8	183.6
Wensman Seed	W 90881STX	88	Smart Stax, RR2	78.3	38.6	98.9	10.0	71.8	16.9	55.5	158.0	--
Wensman Seed	W 80903VT2RIB	90	VT2 PRO, RR2	77.8	42.1	100.0	9.3	72.9	16.8	53.8	179.2	--
MEAN				75.3	41.1	95.6	9.2	72.7	16.8	54.8	172.5	--
C.V. (%)				1.6	9.4	5.0	3.9	1.2	2.6	1.2	9.2	--
LSD 0.10				1.4	4.5	5.5	0.4	1.0	0.5	0.7	18.5	--
LSD 0.05				1.7	5.4	6.6	0.5	1.2	0.6	0.9	22.1	--

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¹ Hybrid traits as reported by seed company when hybrids submitted for evaluation.