

2016 Soybean Top 30 Performance Summary for North Dakota East Central [NDEC]



All-Season Test

Maturity Group 0.00 - 0.7

S2016NDEC

Top 30 of 48

For Gross Income (Sorted by Yield), (16) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Casselton	Jamestown	Litchville	
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	56.0	34.3	18.2	13.1	5	\$507	43.8	56.4	61.1	62.6
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In	54.8	33.9	18.5	12.9	6	\$496	43.7	54.9	58.5	62.0
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me	53.2	33.1	18.6	12.8	6	\$481	46.3	51.3	57.1	58.1
Asgrow	AG0434 §	RR2Y	0.4	S	ACi	52.7	34.3	18.4	12.5	10	\$477	41.2	59.1	56.3	54.1
Thunder	3503R2Y	RR2Y	0.3	S	CMB	52.3	35.4	18.3	12.5	6	\$473	44.0	55.4	52.2	57.6
Latham	L0485R2	RR2Y	0.4	R	SS+	52.0	34.7	18.1	13.0	6	\$471	44.0	55.9	52.7	55.4
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL	51.9	32.7	19.8	12.7	4	\$470	48.6	48.7	53.2	57.0
REA	66G14	RR2Y	0.6	R	ACi	51.9	33.9	18.0	12.9	5	\$470	41.7	51.1	58.0	56.8
Thunder	3505R2YN	RR2Y	0.5	R	CMB	51.2	34.4	18.1	13.1	6	\$463	39.2	54.5	53.6	57.5
NK Brand	S06-Q9 §	RR2Y	0.6	R	CCB,Me	50.9	35.0	17.9	12.9	4	\$461	41.1	52.2	53.5	56.9
Proseed	50-60N	RR2Y	0.6	R	CMBV	50.6	35.1	18.0	12.8	5	\$458	45.2	51.2	53.0	53.0
Legend	LS01R656 §	RR2Y	0.1	S	None	50.4	33.0	19.6	12.8	8	\$456	43.3	50.8	53.7	53.9
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	50.4	32.5	19.2	12.8	11	\$456	42.2	55.0	50.3	54.1
Asgrow	AG0536 §	RR2Y	0.5	R	ACi	50.2	34.3	18.4	13.0	3	\$454	42.6	50.2	51.3	56.6
NK Brand	S05-W7 §	RR2Y	0.5	S	CCB,Me	50.2	32.5	19.4	13.0	3	\$454	38.4	50.9	53.4	58.2
Hefty	H05X7	RRX	0.5	S	DST	50.1	33.8	17.9	12.8	6	\$453	43.2	50.3	50.5	56.3
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G	50.1	33.7	18.0	12.6	9	\$453	39.8	53.2	55.1	52.3
Stine	03RD66 §	RR2Y	0.3	S	SFI	50.0	34.0	18.4	12.8	2	\$453	41.2	51.5	53.5	53.6
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB	49.7	33.2	19.1	12.8	5	\$450	39.4	53.2	55.2	50.9
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB	49.6	35.7	18.0	12.7	5	\$449	42.2	52.2	50.0	54.0
Thunder	3606R2YN	RR2Y	0.6	R	CMB	49.5	35.1	17.9	12.8	5	\$448	42.6	47.6	53.9	53.7
Proseed	XT604	RRX	0.4	R	CMBV	49.5	34.2	18.6	12.6	7	\$448	44.5	53.3	52.6	47.7
Renk	RS033R2	RR2Y	0.3	S	CMB	49.3	34.0	18.3	12.8	4	\$446	39.3	55.7	52.5	49.5
Hefty	H03X7	RRX	0.3	MR	DST	49.2	33.7	18.7	12.7	6	\$445	42.1	50.1	54.1	50.4
Mustang	04X427	RRX	0.4	R	ACi	49.2	34.3	18.4	12.8	9	\$445	42.1	52.9	51.5	50.2
Latham	L0685R2	RR2Y	0.6	R	SS+	49.0	35.5	17.7	12.9	5	\$443	38.7	50.9	51.2	55.1
Dyna-Gro	S06RY47	RR2Y	0.6	R	CMB	48.9	35.1	18.0	12.8	3	\$443	40.8	50.6	49.9	54.2
Dairyland	DSR-0619/R2Y	RR2Y	0.6	R	CMB	48.9	35.1	17.9	12.7	4	\$443	37.7	52.1	52.4	53.3
REA	64G94	RR2Y	0.4	R	ACi	48.8	32.7	20.0	12.8	6	\$442	40.7	52.0	53.0	49.5
Latham	L0324R2	RR2Y	0.3	S	SS+	48.7	34.8	18.0	12.9	6	\$441	37.3	53.1	52.6	51.9

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Averages =	49.4	34.0	18.6	12.8	6	\$447	40.3	51.3	52.7	53.2
LSD (0.10) =	3.2	0.7	0.4	0.2	3		3.0	5.9	3.9	4.9
LSD (0.25) =	2.2	0.5	0.3	0.1	2		2.1	4.1	2.7	3.4

Previous years average yield for region, 42.6 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.020 Prices = \$9.05 GMO; \$9.05 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 10/15/2016 Revised: 11/2/2016 Protein and oil content results added

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All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG0134 §	RR2Y	0.1	S	ACi
Asgrow	AG0434 §	RR2Y	0.4	S	ACi
Asgrow	AG0536 §	RR2Y	0.5	R	ACi
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB
Dairyland	DSR-0619/R2Y	RR2Y	0.6	R	CMB
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB
Dyna-Gro	S06RY47	RR2Y	0.6	R	CMB
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB
Hefty	H02X7	RRX	0.2	S	ACi
Hefty	H03X7	RRX	0.3	MR	DST
Hefty	H05X7	RRX	0.5	S	DST
Hefty	H05X8 §	RRX	0.5	MR	DST
Hefty	H06X7	RRX	0.6	MR	DST
Latham	E0263R2X	RRX	0.2	S	SS+
Latham	E0358R2X	RRX	0.3	R	SS+
Latham	L0152R2	RR2Y	0.1	S	SS+
Latham	L0235R2	RR2Y	0.2	S	SS+
Latham	L0324R2	RR2Y	0.3	S	SS+
Latham	L0485R2	RR2Y	0.4	R	SS+
Latham	L0685R2	RR2Y	0.6	R	SS+
Latham	L0785R2X	RRX	0.7	R	CCB,Me
Legend	LS01R656 §	RR2Y	0.1	S	None
Mustang	04X427	RRX	0.4	R	ACi
Mustang	07X727	RRX	0.7	R	ACi
NK Brand	S05-W7 §	RR2Y	0.5	S	CCB,Me
NK Brand	S06-Q9 §	RR2Y	0.6	R	CCB,Me
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me
NorthStar	NS 0111R2 §	RR2Y	0.1	S	CMBV
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G
Pioneer	P06T28R §	RR	0.6	S	EE,G,IL
Prairie Brand	PB-0397R2	RR2Y	0.3	S	CCB,In
Prairie Brand	PB-0676R2	RR2Y	0.6	R	CCB,In
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In
Proseed	50-60N	RR2Y	0.6	R	CMBV
Proseed	XT604	RRX	0.4	R	CMBV
REA	64G94	RR2Y	0.4	R	ACi
REA	66G14	RR2Y	0.6	R	ACi
Renk	RS033R2	RR2Y	0.3	S	CMB
Renk	RS047NX	RRX	0.4	R	CMB
Stine	03RD66 §	RR2Y	0.3	S	SFI

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Stine	05RH26 §	RR2Y	0.5	R	SFI
Thunder	3503R2Y	RR2Y	0.3	S	CMB
Thunder	3505R2YN	RR2Y	0.5	R	CMB
Thunder	3601R2Y	RR2Y	0.1	S	CMB
Thunder	3606R2YN	RR2Y	0.6	R	CMB
Wensman	W3030R2 §	RR2Y	0.2	S	None

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	DST	Dominance™ ST	Mg	Magnum ST™ (standard)
AC	Acceleron® fungicide products	DX	Defend™ Extra	NCFI	N-Compass™ Plus F/I
ACi	Acceleron® fungicide and insecticide products	EE	Evergol™ Energy	None	untreated
AG	ArmourGuard™	En	Encase®	PV	Poncho®/Votivo®
AM	ApronMaxx®	G	Gaucho®	SDPI	Servo™ DPI
AVB	Avicta® Complete Beans	Gr+	Great Start™ Max Plus	SFI	Stine XP fungicide & insecticide
CCB	Clariva™ Complete Beans	IL	ILeVO®	SS	Soyshield™
CI	Clariva™ pn	In	Intego™ Solo	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	IS	Intego™ Suite	SStd	SureStand™
CMBV	CruiserMaxx® Beans with Vibrance	MAG	Maximum ArmourGuard™	TE	Trius™ Elite
DPHB	DPH Boost®	Me	Mertect®	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.