

2014 Soybean Top 30 Performance Summary for Iowa Northwest [IANW]



Early-Season Test

Maturity Group 2.1 - 2.4

S2014IANWw

Top 30 of 54

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Albert City	Galva	Hartley	Hull
Channel	2108R2	RR2Y	2.10	R	ACi	63.4	35.4	18.6	13.0	3	\$558	64.9	68.5	61.3	58.7
Kruger	K2-2103	RR2Y	2.10	R	ACi	62.6	35.2	18.6	12.7	3	\$551	65.6	67.7	59.2	57.9
Renk	RS213NR2	RR2Y	2.10	R	CMB	62.5	35.5	18.4	12.6	3	\$550	65.7	67.5	56.3	60.3
Federal	F205NRR2Y	RR2Y	2.00	R	CCB	61.9	35.0	18.7	12.2	3	\$545	61.5	67.9	58.9	59.3
Channel	2306R2	RR2Y	2.30	R	ACi	61.2	33.9	18.5	12.2	3	\$539	59.8	68.0	57.0	60.0
Channel	2105R2	RR2Y	2.10	MR	ACi	61.1	36.4	18.0	12.8	3	\$538	62.0	67.2	56.8	58.2
Titan Pro	22M12	RR2Y	2.20	R	CCB	60.5	33.3	19.9	12.1	3	\$532	59.3	67.7	53.6	61.4
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	60.2	34.0	18.6	12.2	3	\$530	61.3	64.7	58.2	56.5
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	60.0	34.7	18.4	12.5	3	\$528	62.7	66.8	57.9	52.6
SOI	2430RR2Y	RR2Y	2.40	S	None	59.9	34.4	18.4	12.0	3	\$527	61.2	65.9	56.7	55.9
Pioneer	P22T69R §	RR	2.20	R	EE,G	59.8	33.5	19.9	11.3	3	\$526	58.8	63.8	59.0	57.5
Latham	L2128R2	RR2Y	2.10	R	CCB	59.6	35.1	17.6	12.6	3	\$524	58.5	66.1	58.0	55.6
Champion	242R	RR2Y	2.40	S	CCB	59.1	34.8	18.3	12.1	3	\$520	62.1	68.8	56.5	48.9
Hefty	H20Y12	RR2Y	2.00	MR	DST	59.0	34.3	18.1	11.8	3	\$519	59.5	63.2	53.4	59.7
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	58.7	33.0	19.6	12.4	3	\$517	59.3	64.2	56.3	55.0
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	58.6	35.7	17.9	13.2	6	\$515	61.3	63.8	52.6	56.7
Renze	24R25R2cn	RR2Y	2.40	R	CMB	58.1	34.0	18.9	12.1	3	\$511	60.2	63.0	57.2	51.9
Hefty	H21Y11	RR2Y	2.10	R	DST	57.6	33.4	19.5	12.4	3	\$507	57.9	63.2	55.0	54.3
Champion	21R34N	RR2Y	2.10	MR	CMBV	57.1	35.1	17.8	11.5	3	\$502	56.6	67.2	57.5	46.9
Federal	F235NRR2Y	RR2Y	2.30	R	CCB	56.6	33.9	19.0	11.7	5	\$498	58.1	63.8	51.8	52.6
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	56.3	34.5	18.4	12.4	3	\$495	59.2	60.9	53.0	51.9
Hefty	H23R5	RR2Y	2.30	MR	DST	56.1	34.0	19.0	11.6	3	\$494	57.1	63.3	56.1	47.7
Renk	RS224NR2	RR2Y	2.20	R	None	56.1	35.6	17.6	12.1	3	\$494	58.5	64.9	54.5	46.3
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	56.1	33.9	19.1	11.6	4	\$494	57.3	63.8	56.4	47.0
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV	56.1	33.8	19.1	11.6	4	\$494	57.1	62.8	55.8	48.7
SOI	2208NRR2Y	RR2Y	2.20	R	None	56.0	35.4	17.6	12.0	3	\$493	56.6	64.9	54.5	48.1
Stine	22RD00 §	RR2Y	2.20	MR	None	56.0	35.6	17.6	12.2	3	\$493	58.0	63.6	53.8	48.4
SOI	2486NRR2Y	RR2Y	2.40	R	None	55.9	32.5	19.7	12.2	3	\$492	54.1	60.0	55.0	54.3
Stine	24RE03 §	RR2Y	2.40	MR	None	55.7	35.1	17.4	12.5	3	\$490	58.7	65.0	50.2	48.7
NK Brand	S24-K2 §	RR2Y	2.40	S	CMBV	55.7	35.0	17.2	12.8	4	\$490	56.5	65.1	51.1	50.1
Croplan	R2T2501 CK	RR2Y	2.40	R	None	56.2	34.9	18.0	13.0	4	\$495	60.3	62.2	55.5	46.9

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Test Average =	56.7	34.9	18.1	12.4	3	\$499	58.3	63.7	53.9	50.8
LSD (0.10) =	3.1	0.6	0.4	0.7	2		3.5	3.4	4.2	4.5
LSD (0.25) =	2.2	0.4	0.2	0.5	1		2.4	2.4	2.9	3.2

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$8.80 Local GMO \$8.80 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.

Report date: 10/15/2014 Revised: 12/10/2014 Protein and oil composition results added

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2014 Soybean Top 30 Performance Summary for Iowa Northwest [IANW]



Full-Season Test

Maturity Group 2.5 - 2.8

S2014IANWb

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For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Albert City	Galva	Hartley	Hull
Titan Pro	25M22	RR2Y	2.50	R	CCB	59.6	34.9	18.7	12.2	5	\$524	61.9	65.9	57.7	52.8
Latham	L2758R2	RR2Y	2.70	R	CCB	59.5	37.0	16.6	12.5	3	\$524	58.6	64.1	57.4	58.0
Latham	L2645R2	RR2Y	2.60	S	CCB	59.3	34.5	18.1	12.7	3	\$522	61.8	66.2	56.8	52.4
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV	58.7	34.7	17.8	12.8	4	\$517	61.7	65.7	57.2	50.3
Pioneer	92Y74 §	RR	2.70	R	EE,G	58.6	34.5	19.1	12.4	3	\$516	56.7	64.1	55.2	58.2
Channel	2508R2	RR2Y	2.50	R	ACi	58.6	35.4	17.5	12.2	5	\$516	59.3	60.6	55.0	59.3
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV	57.9	34.9	19.0	11.9	5	\$510	58.6	63.8	55.4	53.6
Pioneer	92Y51 §	RR	2.50	R	EE,G	57.4	34.6	19.2	11.8	3	\$505	57.7	59.9	54.4	57.4
Asgrow	AG2733 §	RR2Y	2.70	MR	ACi	56.3	34.3	18.9	12.1	3	\$495	58.3	65.5	54.9	46.4
Champion	26R83N	RR2Y	2.60	MR	CMBV	56.3	34.9	18.5	13.2	4	\$495	58.6	60.3	55.0	51.2
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV	56.2	34.9	18.1	12.0	3	\$495	57.7	60.9	51.2	55.0
LG Seeds	C2534R2	RR2Y	2.50	R	AC,PV	56.1	34.6	17.9	12.6	3	\$494	56.8	63.6	52.0	52.0
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB	55.8	34.6	18.0	12.5	3	\$491	60.7	64.0	53.6	45.0
Hefty	H25R5	RR2Y	2.50	MR	DST	55.0	33.9	19.2	12.8	3	\$484	56.3	62.1	54.5	46.9
Stine	26RD02 §	RR2Y	2.60	R	None	54.9	34.8	18.4	12.5	3	\$483	56.7	61.4	52.2	49.1
Latham	L2884R2	RR2Y	2.80	R	CCB	54.5	34.7	18.4	13.7	3	\$479	58.0	60.9	53.3	45.8
Latham	L2585R2	RR2Y	2.50	MR	CCB	54.5	34.6	18.1	13.2	10	\$479	56.7	64.2	52.9	44.3
Pfister	26R29	RR2Y	2.60	R	CCB	54.2	36.2	17.2	13.8	3	\$476	58.6	59.0	52.1	47.1
Kruger	K2-2503	RR2Y	2.50	R	ACi	54.1	35.0	18.4	12.6	3	\$476	55.1	60.8	52.8	47.8
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB	54.0	35.7	17.2	12.0	3	\$475	55.1	61.1	50.7	49.0
LG Seeds	C2744R2	RR2Y	2.70	R	AC,PV	53.6	35.5	17.0	13.6	3	\$471	51.9	61.1	50.0	51.2
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R	CMB	53.3	35.9	17.2	13.9	4	\$468	57.3	58.6	49.1	48.3
Hefty	H28R4	RR2Y	2.80	MR	DST	53.3	34.9	18.3	14.9	9	\$467	56.8	64.7	50.5	41.0
Hefty	H28R5	RR2Y	2.80	MR	DST	53.1	34.3	18.2	14.6	3	\$466	55.7	63.0	50.7	42.8
Champion	25R95N	RR2Y	2.50	MR	CMBV	52.6	35.2	17.8	13.1	3	\$463	53.0	60.9	47.2	49.3
Channel	2706R2	RR2Y	2.70	MR	ACi	51.9	36.2	17.5	12.3	3	\$457	50.0	59.5	51.3	46.9
NK Brand	S28-A2 §	RR2Y	2.80	R	CCB	51.8	35.3	18.1	13.5	4	\$455	55.9	59.3	49.2	42.8
Channel	2808R2	RR2Y	2.80	R	ACi	51.3	35.1	17.9	17.4	3	\$447	55.1	55.9	48.0	46.1
Kruger	K2-2805	RR2Y	2.80	R	ACi	51.3	35.2	18.0	17.6	4	\$447	54.9	57.7	46.8	45.9
Dyna-Gro	38RY28	RR2Y	2.80	R	CMBV	51.0	36.9	16.7	14.7	3	\$447	55.8	57.6	45.4	45.1
Croplan	R2T2501 CK	RR2Y	2.40	R	None	57.6	34.2	18.4	12.5	4	\$507	60.7	62.7	57.2	49.8
Test Average =						54.5	35.2	17.9	13.4	4	\$479	57.0	61.4	51.5	48.3
LSD (0.10) =						3.3	0.5	0.3	1.2	3		3.3	3.6	4.4	4.6
LSD (0.25) =						2.3	0.4	0.2	0.9	2		2.3	2.5	3.1	3.2

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Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$8.80 Local GMO \$8.80 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.

Report date: 10/15/2014 Revised: 12/10/2014 Protein and oil composition results added

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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Company/Brand	Product/Brand	Technol.	Mat.	SCN
Asgrow	AG2232 §	RR2Y	2.20	R	NK Brand	S24-K2 §	RR2Y	2.40	S					
Asgrow	AG2433 §	RR2Y	2.40	MR	Pfister	22R20	RR2Y	2.20	R					
Champion	21R34N	RR2Y	2.10	MR	Pfister	24R22	RR2Y	2.40	R					
Champion	242R	RR2Y	2.40	S	Pioneer	P22T69R §	RR	2.20	R					
Channel	2105R2	RR2Y	2.10	MR	Prairie Brand	PB-2188R2	RR2Y	2.10	R					
Channel	2108R2	RR2Y	2.10	R	Prairie Brand	PB-2230R2	RR2Y	2.20	R					
Channel	2306R2	RR2Y	2.30	R	Prairie Brand	PB-2319R2	RR2Y	2.30	R					
Croplan	R2T2501 CK	RR2Y	2.40	R	Renk	RS213NR2	RR2Y	2.10	R					
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	Renk	RS224NR2	RR2Y	2.20	R					
Dairyland	DST24-006/R2Y	RR2Y	2.40	R	Renk	RS244NR2	RR2Y	2.40	R					
Dyna-Gro	S22RY64	RR2Y	2.20	MR	Renze	22R33R2cn	RR2Y	2.20	R					
Dyna-Gro	S24RY65	RR2Y	2.40	R	Renze	24R25R2cn	RR2Y	2.40	R					
Federal	F205NRR2Y	RR2Y	2.00	R	SOI	2208NRR2Y	RR2Y	2.20	R					
Federal	F224NRR2Y	RR2Y	2.20	R	SOI	2406NRR2Y	RR2Y	2.40	R					
Federal	F235NRR2Y	RR2Y	2.30	R	SOI	2430RR2Y	RR2Y	2.40	S					
Federal	F245NRR2Y	RR2Y	2.40	R	SOI	2486NRR2Y	RR2Y	2.40	R					
Hefty	H20Y12	RR2Y	2.00	MR	Stine	22RD00 §	RR2Y	2.20	MR					
Hefty	H21Y11	RR2Y	2.10	R	Stine	24RE03 §	RR2Y	2.40	MR					
Hefty	H23R5	RR2Y	2.30	MR	Titan Pro	22M12	RR2Y	2.20	R					
Hefty	H24R5	RR2Y	2.40	MR	Titan Pro	TP-21R63	RR2Y	2.10	R					
Kruger	K2-2103	RR2Y	2.10	R	Titan Pro	TP-23R04	RR2Y	2.30	R					
Kruger	K2-2201	RR2Y	2.20	R	Titan Pro	TP-24R24	RR2Y	2.40	R					
Kruger	K2-2402	RR2Y	2.40	R	Viking	2144R2N	RR2Y	2.10	R					
Kruger	K2-2403	RR2Y	2.40	R	Viking	2301R2N	RR2Y	2.30	R					
Latham	L2128R2	RR2Y	2.10	R										
Latham	L2253R2	RR2Y	2.20	R										
Latham	L2384R2	RR2Y	2.30	R										
Latham	L2448R2	RR2Y	2.40	R										
LG Seeds	C2333R2	RR2Y	2.30	R										
LG Seeds	C2441R2	RR2Y	2.40	R										

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN
Asgrow	AG2733 §	RR2Y	2.70	MR
Champion	25R95N	RR2Y	2.50	MR
Champion	26R83N	RR2Y	2.60	MR
Channel	2508R2	RR2Y	2.50	R
Channel	2706R2	RR2Y	2.70	MR
Channel	2808R2	RR2Y	2.80	R
Croplan	R2C2800	RR2Y	2.80	R
Croplan	R2T2501 CK	RR2Y	2.40	R
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR
Dyna-Gro	38RY28	RR2Y	2.80	R
Dyna-Gro	S25RY44	RR2Y	2.50	R
Hefty	H25R5	RR2Y	2.50	MR
Hefty	H27R5	RR2Y	2.70	MR
Hefty	H28R4	RR2Y	2.80	MR
Hefty	H28R5	RR2Y	2.80	MR
Kruger	K2-2503	RR2Y	2.50	R
Kruger	K2-2803	RR2Y	2.80	R
Kruger	K2-2805	RR2Y	2.80	R
Latham	L2585R2	RR2Y	2.50	MR
Latham	L2645R2	RR2Y	2.60	S
Latham	L2758R2	RR2Y	2.70	R
Latham	L2884R2	RR2Y	2.80	R
LG Seeds	C2534R2	RR2Y	2.50	R
LG Seeds	C2744R2	RR2Y	2.70	R
NK Brand	S27-J7 §	RR2Y	2.70	R
NK Brand	S28-A2 §	RR2Y	2.80	R
Pfister	26R29	RR2Y	2.60	R
Pioneer	92Y51 §	RR	2.50	R
Pioneer	92Y74 §	RR	2.70	R

Company/Brand	Product/Brand	Technol.	Mat.	SCN
Prairie Brand	PB-2556R2	RR2Y	2.50	R
Prairie Brand	PB-2600R2	RR2Y	2.60	MR
Prairie Brand	PB-2788R2	RR2Y	2.70	R
Stine	26RD02 §	RR2Y	2.60	R
Titan Pro	25M22	RR2Y	2.50	R
Titan Pro	TP-27R54	RR2Y	2.70	R

Company/Brand	Product/Brand	Technol.	Mat.	SCN

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. 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® and Phoenix® 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 F.I.R.S.T. when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	Information not provided	C	Cruiser®	I	Inovate™ System
A	Allegiance®	CCB	Clariva Complete Beans	M	Maxim®
AC	Acceleron® fungicide products	CMB	CruiserMaxx® Beans	None	untreated
ACi	Acceleron® fungicide and insecticide products	CMBV	CruiserMaxx® Beans with Vibrance	PS	ProShield™ (Mid-Atlantic Seed)
AM	ApronMaxx®	DST	Dominance ST	PV	Poncho®/Votivo®
AP	Apron XL®	EE	Evergol™ Energy	SS+	Soyshield Plus™
AVB	Avicta® Complete Beans	G	Gacho®	T	Trilex®

* Seed treatments may include unspecified plant health promoting components.