2014 Soybean Top 30 Performance Summary for Delaware Maryland North [DMNO]

first farmers' independent research of seed technologies

Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

All-Season Test
Maturity Group 3.4 - 4.3
S2014DMNO

Top 30 of 30
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	Hanover	Middletown	Preston	Westminster
Pioneer	P34T07R2 GC	RR2Y	3.40	MR	EE,G	76.9			10.6	12	$759	67.8	69.3	**89.3**	81.3
Mid-Atlantic	MAS3889NRR2/STS	RR2Y,ST	3.80	MR	PS	76.8			10.8	6	$758	71.9	**74.6**	85.8	74.9
TA Seeds	TS4339R2	RR2Y	4.30	R	AVB	74.9			11.2	9	$739	70.2	70.6	81.7	77.0
Mid-Atlantic	MAS3815NRR2	RR2Y	3.80	MR	PS	74.3			10.3	1	$733	68.1	**72.5**	70.7	**85.9**
Hubner	H42-13R2	RR2Y	4.20	R	AC,PV	73.9			10.8	6	$729	64.6	**71.1**	79.6	80.4
TA Seeds	TS3959R2S	RR2Y,ST	3.90	MR	AVB	73.4			10.5	6	$724	70.4	64.0	77.3	82.0
Armor	36-R76	RR2Y	3.60	R	A,M,C	73.4			10.9	8	$724	66.2	67.9	77.3	82.3
Mycogen	5N423R2	RR2Y,ST	4.20	R	CCB	73.3			11.0	3	$723	71.0	62.3	79.8	80.2
Mid-Atlantic	MAS4222NRR2	RR2Y	4.20	MR	PS	73.1			10.2	10	$721	66.0	68.9	**84.3**	73.1
Channel	4206R2	RR2Y	4.20	R	ACi	72.5			10.8	4	$716	66.8	66.2	72.3	84.7
Hubner	H37-14R2SR	RR2Y,ST	3.70	MR	AC,PV	72.3			10.4	5	$714	65.6	60.2	82.1	81.3
Dyna-Gro	S40RY25	RR2Y	4.00	R	CMBV	72.2			10.7	3	$713	64.8	**71.7**	73.6	78.6
Armor	AX4390	RR2Y	3.90	R	A,M,C	72.1			10.5	3	$712	69.5	63.7	78.9	76.2
Doeblers	RPM DB3815RR^	RR	3.80	R	EE,G	72.1			10.9	3	$712	**74.3**	60.0	75.1	79.0
Armor	43-R43	RR2Y	4.30	R	A,M,C	72.0			10.5	6	$711	66.1	**71.0**	80.9	70.1
Channel	4306R2/STS	RR2Y,ST	4.30	R	ACi	71.6			10.8	3	$707	70.1	66.3	72.4	77.6
Mid-Atlantic	MAS3689NRR2	RR2Y	3.60	MR	PS	71.1			10.9	10	$702	65.7	67.8	78.8	72.1
Mycogen	5N385R2	RR2Y	3.80	R	CCB	70.7			10.8	3	$698	65.9	65.5	66.9	84.3
Dyna-Gro	S39RY65	RR2Y	3.90	R	CMBV	70.0			10.5	2	$691	64.1	60.5	67.8	**87.5**
Channel	3806R2/STS	RR2Y,ST	3.80	MR	ACi	69.8			10.4	4	$689	59.6	65.2	75.2	79.3
Pioneer	P35T58R2 GC	RR	3.50	R	EE,G	69.8			10.8	16	$689	58.7	64.1	73.8	82.4
Doeblers	RPM DB4013RR^	RR	4.00	R	EE,G	69.6			10.5	6	$687	66.2	58.8	80.6	72.6
Mycogen	5N386R2	RR2Y,ST	3.80	R	CCB	69.6			10.8	8	$687	65.0	61.3	75.5	76.7
Hubner	H36-14R2	RR2Y	3.60	MR	AC,PV	69.3			11.1	9	$684	69.5	57.0	77.9	72.9
Channel	3808R2	RR2Y	3.80	R	ACi	69.2			10.9	4	$683	67.4	61.0	68.4	79.8
Asgrow	AG3034 GC	RR2Y	3.00	R	ACi	69.1			10.7	6	$682	55.3	61.1	76.1	83.9
TA Seeds	TS3759R2	RR2Y	3.70	R	AVB	69.0			10.5	5	$681	68.1	61.0	65.2	81.5
Hubner	H44-15R2SR	RR2Y,ST	4.40	R	AC,PV	68.7			10.9	6	$678	66.6	56.8	74.8	76.6
Asgrow	AG3334 GC	RR2Y	3.30	MR	ACi	68.5			10.7	4	$676	57.2	67.5	71.1	78.3
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV	68.4			10.4	5	$675	69.5	64.4	62.5	77.2
					Test Average =	71.6			10.7	6	$707	66.4	65.1	75.9	79.0
					LSD (0.10) =	5.9			0.5	5		6.2	5.6	7.9	6.1
					LSD (0.25) =	4.1			0.3	4		4.3	3.9	5.5	4.2

Funding for Protein Analysis Unavailable *Funding for Oil Analysis Unavailable*

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Yield & Income Factors   Base Moisture = 13.0%   Shrink = 1.3   Drying = 0.020   Price = $9.87 Local GMO $9.87 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: 11/4/2014   Revised:
Additional reports available at **www.firstseedtests.com**.

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All-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN
Armor	36-R76	RR2Y	3.60	R
Armor	43-R43	RR2Y	4.30	R
Armor	AX4390	RR2Y	3.90	R
Asgrow	AG3034 GC	RR2Y	3.00	R
Asgrow	AG3334 GC	RR2Y	3.30	MR
Channel	3806R2/STS	RR2Y,ST	3.80	MR
Channel	3808R2	RR2Y	3.80	R
Channel	4206R2	RR2Y	4.20	R
Channel	4306R2/STS	RR2Y,ST	4.30	R
Doeblers	RPM DB3815RR^	RR	3.80	R
Doeblers	RPM DB4013RR^	RR	4.00	R
Dyna-Gro	39RY43	RR2Y	4.30	R
Dyna-Gro	S39RY65	RR2Y	3.90	R
Dyna-Gro	S40RY25	RR2Y	4.00	R
Hubner	H36-14R2	RR2Y	3.60	MR
Hubner	H37-14R2SR	RR2Y,ST	3.70	MR
Hubner	H42-13R2	RR2Y	4.20	R
Hubner	H44-15R2SR	RR2Y,ST	4.40	R
Mid-Atlantic	MAS3689NRR2	RR2Y	3.60	MR
Mid-Atlantic	MAS3815NRR2	RR2Y	3.80	MR
Mid-Atlantic	MAS3889NRR2/STS	RR2Y,ST	3.80	MR
Mid-Atlantic	MAS4222NRR2	RR2Y	4.20	MR
Mycogen	5N385R2	RR2Y	3.80	R
Mycogen	5N386R2	RR2Y,ST	3.80	R
Mycogen	5N423R2	RR2Y,ST	4.20	R
Pioneer	P34T07R2 GC	RR2Y	3.40	MR
Pioneer	P35T58R2 GC	RR	3.50	R
TA Seeds	TS3759R2	RR2Y	3.70	R
TA Seeds	TS3959R2S	RR2Y,ST	3.90	MR
TA Seeds	TS4339R2	RR2Y	4.30	R

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	Indentifies 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	Allegience®	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	Gaucho®		T	Trilex®

* Seed treatments may include unspecified plant health promoting components.