

2014 Soybean Top 30 Harvest Report

Delaware Maryland North [DMNO] HANOVER
 Dan Winters, Adams County, PA 17331



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

PREV. CROP/HERB: Soybean
 SOIL DESCRIPTION: Silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 6.4 pH, 3.4 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Credit Extra, FirstRate
 SEEDED - RATE - ROW: May 27 180,000 /A 15" Spacing
 HARVESTED - STAND: Oct 21 156,300 /A

All-Season Test
3.4 - 4.3 Day RM
 S2014DMNO03

Top 30 of 30

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Doebblers	RPM DB3815RR [^]	RR	3.80	R	EE,G	74.3	11.8	0	162.6	\$721
Mid-Atlantic	MAS3889NRR2/ST:RR2Y,ST	RR2Y,ST	3.80	MR	PS	71.9	12.0	2	151.0	\$697
Mycogen	5N423R2	RR2Y,ST	4.20	R	CCB	71.0	12.2	1	162.6	\$689
TA Seeds	TS3959R2S	RR2Y,ST	3.90	MR	AVB	70.4	11.7	0	151.0	\$683
TA Seeds	TS4339R2	RR2Y	4.30	R	AVB	70.2	11.4	0	151.0	\$681
Channel	4306R2/STS	RR2Y,ST	4.30	R	ACi	70.1	11.8	0	166.5	\$680
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV	69.5	11.7	0	162.6	\$674
Hubner	H36-14R2	RR2Y	3.60	MR	AC,PV	69.5	11.8	0	158.8	\$674
Armor	AX4390	RR2Y	3.90	R	A,M,C	69.5	11.9	0	147.1	\$674
Mid-Atlantic	MAS3815NRR2	RR2Y	3.80	MR	PS	68.1	11.0	0	147.1	\$661
TA Seeds	TS3759R2	RR2Y	3.70	R	AVB	68.1	12.1	0	154.9	\$661
Pioneer	P34T07R2 GC	RR2Y	3.40	MR	EE,G	67.8	12.1	0	162.6	\$658
Channel	3808R2	RR2Y	3.80	R	ACi	67.4	12.7	0	151.0	\$654
Channel	4206R2	RR2Y	4.20	R	ACi	66.8	12.2	0	147.1	\$648
Hubner	H44-15R2SR	RR2Y,ST	4.40	R	AC,PV	66.6	11.6	1	151.0	\$646
Doebblers	RPM DB4013RR [^]	RR	4.00	R	EE,G	66.2	11.5	0	147.1	\$642
Armor	36-R76	RR2Y	3.60	R	A,M,C	66.2	12.0	0	166.5	\$642
Armor	43-R43	RR2Y	4.30	R	A,M,C	66.1	11.7	1	147.1	\$641
Mid-Atlantic	MAS4222NRR2	RR2Y	4.20	MR	PS	66.0	10.9	2	162.6	\$640
Mycogen	5N385R2	RR2Y	3.80	R	CCB	65.9	11.8	0	147.1	\$639
Mid-Atlantic	MAS3689NRR2	RR2Y	3.60	MR	PS	65.7	11.9	1	170.4	\$637
Hubner	H37-14R2SR	RR2Y,ST	3.70	MR	AC,PV	65.6	11.0	0	143.3	\$636
Mycogen	5N386R2	RR2Y,ST	3.80	R	CCB	65.0	12.5	0	162.6	\$631
Dyna-Gro	S40RY25	RR2Y	4.00	R	CMBV	64.8	12.1	0	151.0	\$629
Hubner	H42-13R2	RR2Y	4.20	R	AC,PV	64.6	12.1	0	162.6	\$627
Dyna-Gro	S39RY65	RR2Y	3.90	R	CMBV	64.1	11.9	0	166.5	\$622
Channel	3806R2/STS	RR2Y,ST	3.80	MR	ACi	59.6	11.1	0	158.7	\$578
Pioneer	P35T58R2 GC	RR	3.50	R	EE,G	58.7	12.1	0	162.6	\$569
Asgrow	AG3334 GC	RR2Y	3.30	MR	ACi	57.2	12.1	0	162.6	\$555
Asgrow	AG3034 GC	RR2Y	3.00	R	ACi	55.3	11.8	0	151.0	\$536

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Test Average =	66.4	11.8	0	156.3	\$644
LSD (0.10) =	6.2	0.7	1		
LSD (0.25) =	4.3	0.5	1		
C.V. =	6.8	4.4			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = \$9.70 GMO / \$9.70 Non-GMO

TEST COMMENTS: Emergence was good, with adequate soil moisture at planting. Generally a good growing season however, there were two periods, one in July and one in August where rainfall was short but the soybeans did hold up till the showers came. Standability was excellent and disease pressure was not an issue. Soybeans harvested extremely well. Overall rating of the test is 8 of 10. (10=best)

† See last page for abbreviation descriptions. Results in bold are significantly above test average by LSD (0.10). ns = column values not significantly different.

Additional reports available at www.firstseedtests.com

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Report date: 10/22/2014 Revised:

2014 Soybean - Delaware Maryland North [DMNO]



All-Season Test Products (30 Total)

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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt

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. VPM maxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPM maxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company.
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
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	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.