

2014 Soybean Top 30 Harvest Report

Delaware Maryland North [DMNO] MIDDLETOWN
Bill Morrow, New Castle County, DE 19709



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

PREV. CROP/HERB: Corn / Lumax
SOIL DESCRIPTION: Sandy loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, mod. high K, 6.1 pH, 2.4 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Credit Extra
SEEDED - RATE - ROW: May 26 180,000 /A 15" Spacing
HARVESTED - STAND: Oct 28 177,700 /A

All-Season Test
3.4 - 4.3 Day RM
S2014DMNO01

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
Mid-Atlantic	MAS3889NRR2/ST:RR2Y,ST		3.80	MR	PS	74.6	10.4	3	174.2	\$724
Mid-Atlantic	MAS3815NRR2	RR2Y	3.80	MR	PS	72.5	10.2	1	185.9	\$703
Dyna-Gro	S40RY25	RR2Y	4.00	R	CMBV	71.7	10.1	3	178.1	\$695
Hubner	H42-13R2	RR2Y	4.20	R	AC,PV	71.1	10.1	7	182.0	\$690
Armor	43-R43	RR2Y	4.30	R	A,M,C	71.0	10.1	11	182.0	\$689
TA Seeds	TS4339R2	RR2Y	4.30	R	AVB	70.6	10.3	15	170.3	\$685
Pioneer	P34T07R2 GC	RR2Y	3.40	MR	EE,G	69.3	10.6	33	178.1	\$672
Mid-Atlantic	MAS4222NRR2	RR2Y	4.20	MR	PS	68.9	9.9	17	166.5	\$668
Armor	36-R76	RR2Y	3.60	R	A,M,C	67.9	10.3	9	178.1	\$659
Mid-Atlantic	MAS3689NRR2	RR2Y	3.60	MR	PS	67.8	10.6	6	178.1	\$658
Asgrow	AG3334 GC	RR2Y	3.30	MR	ACi	67.5	10.3	8	125.9	\$655
Channel	4306R2/STS	RR2Y,ST	4.30	R	ACi	66.3	10.3	6	182.0	\$643
Channel	4206R2	RR2Y	4.20	R	ACi	66.2	10.4	2	189.8	\$642
Mycogen	5N385R2	RR2Y	3.80	R	CCB	65.5	10.3	1	185.9	\$635
Channel	3806R2/STS	RR2Y,ST	3.80	MR	ACi	65.2	10.2	7	174.2	\$632
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV	64.4	10.4	11	182.0	\$625
Pioneer	P35T58R2 GC	RR	3.50	R	EE,G	64.1	10.9	33	166.5	\$622
TA Seeds	TS3959R2S	RR2Y,ST	3.90	MR	AVB	64.0	10.8	16	189.8	\$621
Armor	AX4390	RR2Y	3.90	R	A,M,C	63.7	10.5	2	182.0	\$618
Mycogen	5N423R2	RR2Y,ST	4.20	R	CCB	62.3	10.3	6	174.2	\$604
Mycogen	5N386R2	RR2Y,ST	3.80	R	CCB	61.3	10.7	23	182.0	\$595
Asgrow	AG3034 GC	RR2Y	3.00	R	ACi	61.1	10.6	11	170.3	\$593
Channel	3808R2	RR2Y	3.80	R	ACi	61.0	10.3	1	182.0	\$592
TA Seeds	TS3759R2	RR2Y	3.70	R	AVB	61.0	10.3	7	185.9	\$592
Dyna-Gro	S39RY65	RR2Y	3.90	R	CMBV	60.5	10.3	6	174.2	\$587
Hubner	H37-14R2SR	RR2Y,ST	3.70	MR	AC,PV	60.2	10.3	6	174.2	\$584
Doebler	RPM DB3815RR^	RR	3.80	R	EE,G	60.0	10.4	2	189.8	\$582
Doebler	RPM DB4013RR^	RR	4.00	R	EE,G	58.8	10.2	7	182.0	\$570
Hubner	H36-14R2	RR2Y	3.60	MR	AC,PV	57.0	11.1	9	178.1	\$553
Hubner	H44-15R2SR	RR2Y,ST	4.40	R	AC,PV	56.8	10.6	5	185.9	\$551

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Test Average =	65.1	10.4	9	177.7	\$631
LSD (0.10) =	5.6	0.4	14		
LSD (0.25) =	3.9	0.3	10		
C.V. =	6.2	2.7			

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

TEST COMMENTS: *Good soil moisture and temperatures got these soybeans off to a good start. Rainfall for the summer was above average with below average temperatures. Some varieties got over 45 inches tall and lodging was a problem. The bean plants set pods very well. Having no frost till after harvest, grain size was large. Disease and insect pressure was light and did not affect standability or yield.*

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

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Report date: 11/4/2014 Revised:

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 are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® 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.