

2015 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 / Lexar
SOIL DESCRIPTION: Reybold silt loam, moderately drained, non-irrigated
SOIL CONDITIONS: Mod. Low P, mod. low K, 5 pH, 2.5 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Roundup PowerMax
SEEDED - RATE - ROW: May 25 145,000 /A 30" Spacing
HARVESTED - STAND: Dec 9 126,400 /A

All-Season Test
3.4 - 4.3 Day RM
S2015DMNO03

Top 30 of 36

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
Hubner	H42-13R2	RR2Y	4.20	R	ACi	58.5	13.8	1	129.7	\$479
Channel	4209R2	RR2Y	4.20	R	ACi	58.1	13.5	1	131.6	\$476
TA Seeds	TS4469R2S	RR2Y,ST	4.40	R	TE,AV	56.4	14.0	2	129.7	\$461
Hubner	H45-16R2	RR2Y	4.50	R	ACi	55.7	13.6	6	125.8	\$456
Asgrow	AG3832 §	RR2Y	3.80	R	ACi	52.4	13.2	1	125.8	\$429
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.30	R	PS	52.1	13.8	1	127.8	\$426
Doebblers	RPM DB3815RR^	RR	3.80	R	DPHB	50.6	14.2	2	125.8	\$414
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi	49.0	13.8	3	131.6	\$401
NK Brand	S39-C4 §	RR2Y	3.90	R	CCB	48.8	13.5	1	125.8	\$400
Stine	43RE02 §	RR2Y	4.30	R	Sfi	48.0	13.8	2	120.0	\$393
Channel	4009R2	RR2Y	4.00	R	ACi	47.8	13.4	2	127.8	\$392
Mid-Atlantic	MAS3815NRR2	RR2Y	3.80	R	PS	47.6	14.1	1	123.9	\$389
Stine	42RD02 §	RR2Y,ST	4.20	R	Sfi	47.3	13.7	1	122.0	\$387
Mycogen	5N387R2	RR2Y	3.80	R	CCB	46.1	13.9	1	123.9	\$377
Mycogen	5N431R2	RR2Y	4.30	R	CCB	46.1	14.6	2	125.8	\$377
Channel	3707R2/SR	RR2Y,ST	3.70	MR	ACi	46.0	13.7	2	123.9	\$377
Pioneer	93Y84 §	RR	3.80	R	EE,C,CI	45.5	13.0	1	129.7	\$373
Pioneer	P46T21R §	RR	4.60	R	EE,C,CI	45.4	13.8	2	118.1	\$372
Stine	41RH22 §	RR2Y	4.10	R	Sfi	45.0	14.5	1	122.0	\$368
Dyna-Gro	S42RY46	RR2Y	4.20	R	CCB	44.8	14.1	1	127.8	\$366
Dyna-Gro	S40RY25	RR2Y	4.00	R	CCB	44.7	13.3	1	123.9	\$366
NK Brand	S37-Z8 §	RR2Y	3.70	R	CCB	44.2	13.4	1	125.8	\$362
Hubner	H37-14R2/STS	RR2Y,ST	3.70	MR	ACi	43.8	13.3	1	131.6	\$359
TA Seeds	TS3959R2S	RR2Y,ST	3.90	R	TE,AV	43.8	13.9	2	131.6	\$358
Mid-Atlantic	MAS3516NRR2	RR2Y	3.50	R	PS	43.6	13.3	1	133.6	\$357
TA Seeds	TS4269R2S	RR2Y,ST	4.20	MR	TE,AV	41.6	14.1	3	123.9	\$340
Mycogen	5N385R2	RR2Y	3.80	R	CCB	41.3	13.4	1	125.8	\$338
Pioneer	P39T67R §	RR	3.90	R	EE,C,CI	41.1	13.4	1	129.7	\$337
Mycogen	5N433R2	RR2Y	4.30	R	CCB	40.8	13.4	3	123.9	\$334
Asgrow	AG4135 §	RR2Y,ST	4.10	R	ACi	40.7	13.5	1	125.8	\$333

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Averages = **45.3** **13.7** **2** **126.4** **\$371**
LSD (0.10) = 10.8 0.5 2
LSD (0.25) = 7.5 0.3 1
C.V. = 17.4 2.5

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.20 GMO; \$8.20 non-GMO

TEST COMMENTS: Heavy rains early and a drier than normal August reduced yields at this site. Delayed harvest also left some beans shattered in the field.

† 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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All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG3832 §	RR2Y	3.80	R	ACi						
Asgrow	AG4135 §	RR2Y,ST	4.10	R	ACi						
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi						
Channel	3707R2/SR	RR2Y,ST	3.70	MR	ACi						
Channel	4009R2	RR2Y	4.00	R	ACi						
Channel	4209R2	RR2Y	4.20	R	ACi						
Channel	4306R2/STS	RR2Y,ST	4.30	R	ACi						
Doebblers	RPM DB3516R^	RR	3.50	R	DPHB						
Doebblers	RPM DB3815RR^	RR	3.80	R	DPHB						
Dyna-Gro	S39RY65	RR2Y	3.90	R	CCB						
Dyna-Gro	S40RY25	RR2Y	4.00	R	CCB						
Dyna-Gro	S42RY46	RR2Y	4.20	R	CCB						
Hubner	H35-16R2	RR2Y	3.50	R	ACi						
Hubner	H37-14R2/STS	RR2Y,ST	3.70	MR	ACi						
Hubner	H42-13R2	RR2Y	4.20	R	ACi						
Hubner	H45-16R2	RR2Y	4.50	R	ACi						
Mid-Atlantic	MAS3516NRR2	RR2Y	3.50	R	PS						
Mid-Atlantic	MAS3815NRR2	RR2Y	3.80	R	PS						
Mid-Atlantic	MAS3889NRR2/STS	RR2Y,ST	3.80	R	PS						
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.30	R	PS						
Mycogen	5N385R2	RR2Y	3.80	R	CCB						
Mycogen	5N387R2	RR2Y	3.80	R	CCB						
Mycogen	5N431R2	RR2Y	4.30	R	CCB						
Mycogen	5N433R2	RR2Y	4.30	R	CCB						
NK Brand	S37-Z8 §	RR2Y	3.70	R	CCB						
NK Brand	S39-C4 §	RR2Y	3.90	R	CCB						
NK Brand	S39-U2 §	RR2Y	3.90	R	CCB						
Pioneer	93Y84 §	RR	3.80	R	EE,C,Ci						
Pioneer	P39T67R §	RR	3.90	R	EE,C,Ci						
Pioneer	P46T21R §	RR	4.60	R	EE,C,Ci						
Stine	41RH22 §	RR2Y	4.10	R	Sfi						
Stine	42RD02 §	RR2Y,ST	4.20	R	Sfi						
Stine	43RE02 §	RR2Y	4.30	R	Sfi						
TA Seeds	TS3959R2S	RR2Y,ST	3.90	R	TE,AV						
TA Seeds	TS4269R2S	RR2Y,ST	4.20	MR	TE,AV						
TA Seeds	TS4469R2S	RR2Y,ST	4.40	R	TE,AV						

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
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
?	info unavailable

Soybean Seed Treatments*

?	Information not provided	En	Encase®
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	Gr	Great Start™ Max
AV	Avicta®	IL	IleVO®
AVB	Avicta® Complete Beans	IS	Intego™ Suite
C	Cruiser®	None	untreated
CC	Curry® Coat	PS	MAS ProShield™ QV
CCB	Clariva™ Complete Beans	PV	Poncho®/Votivo®
CI	Clariva™ pn	Ri	Rizolex™
CMB	CruiserMaxx® Beans	Sfi	Stine fungicide & insecticide products
CMBV	CruiserMaxx® Beans with Vibrance	SS+	Soyshield Plus™
DPHB	DPH Boost®	T	Trilex®
DST	Dominance™ ST	TE	Trius Elite
Ec	Eclipse™ IM	TT	Turbo Treat™
EE	Evergol™ Energy	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.