

2017 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: Corn / Capreno, Aatrex
SOIL DESCRIPTION: Silty clay loam, moderately drained, non-irrigated
SOIL CONDITIONS: Very high P, very high K, 6.3 pH, 2.7% OM, 7.4 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Glyphosate, Raptor
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: Jun 10 165,000 /A 30" Spacing
HARVESTED - STAND: Dec 8 159,800 /A

All-Season Test
Maturity Group 3.4 - 4.3
S2017DMNO03

Top 30 of 42
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stone	379622 \$	RR2P	3.7	R	104	12.2	4	159.8	\$483	1
Hubner	H42-17925	RR1,ST	4.3	R	104	12.7	6	151.5	\$442	2
T.A. Seeds	T5275962	RR2P	3.7	WR	102	12.6	7	152.6	\$438	3
Hubner	H36-17925	RR1	3.6	R	101	12.6	7	152.6	\$437	4
Hubner	H42-1392	RR2P	4.2	R	112	12.4	5	159.1	\$428	5
Mid-Atlantic	MA-326749920756X	RR1,ST	3.6	WR	103	12.3	6	152.6	\$412	6
Pioneer	P277596 \$	RR	3.6	R	103	12.3	6	159.8	\$408	7
Mid-Atlantic	MA-32666992075	RR2P,ST	3.6	R	103	12.3	7	152.2	\$403	8
Augrey	A23015 \$	RR1	3.6	R	102	12.3	2	151.5	\$401	9
Overberg	OP6-423P	RR1	4.2	R	103	12.4	3	151.3	\$400	10
Bevo	C2405LL	LL	4.2	WR	119	12.6	10	151.5	\$400	11
Mid-Atlantic	MA-341005PT102	RL	4.1	R	119	12.6	10	151.5	\$400	12
Great Heart	GT-3025	RR1	3.6	R	119	12.7	10	152.6	\$400	13
Channel	417925106	RR1,ST	4.3	R	117	12.7	7	159.8	\$400	14
Channel	379625	RR1	3.7	R	114	12.7	3	152.6	\$400	15
T.A. Seeds	T5269625	RR1	3.7	WR	112	11.2	4	152.6	\$400	16
HR Brand	H24P15 \$	RR1	3.6	R	112	11.2	6	151.5	\$402	17
Stone	419622 \$	RR2,ST	4.1	R	109	11.6	4	152.2	\$400	18
Mid-Atlantic	MA-32666992075	RL	3.6	R	128	12.6	11	152.2	\$400	19
Overberg	OP6-3025	RR1	3.6	R	127	12.6	4	154.5	\$407	20
Augrey	A23015 \$	RR1,ST	3.6	R	126	12.6	4	159.1	\$407	21
Channel	379625	RR1	3.7	R	125	12.3	4	154.9	\$406	22
Mid-Atlantic	MA-32617992	RR1	3.6	WR	125	11.9	6	151.5	\$406	23
Bevo	C2345LL	LL	3.4	WR	117	12.4	3	153.2	\$476	24
Stone	419622 \$	RR2P	4.3	R	116	12.6	2	159.8	\$477	25
Bevo	C2345LL	LL	3.6	R	115	12.4	10	151.5	\$476	26
Mid-Atlantic	MA-32617992	RR2P	3.6	WR	111	12.6	6	153.7	\$475	27
Channel	417925106	RR1,ST	4.2	R	119	12.7	2	159.8	\$475	28
Bevo	C2415LL	LL	4.1	R	107	12.6	4	151.5	\$499	29
HR Brand	H24P15 \$	RR2P	4.2	R	107	12.6	5	152.2	\$499	30

DATA REJECTED

Robin Kauffman

Rob Kauffman
rkmaits@aol.com, (717) 413-0763

Averages =	52.2	12.5	5	159.8	\$483
LSD (0.10) =	ns	ns	3.3		
LSD (0.25) =	ns	ns	1.7		
C.V. =	10.7			Prev. years avg. yield, 47.6 bu/a, 3 yrs	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.25 GMO; \$9.25 non-GMO

TEST COMMENTS: Plot had a few weed escapes, marestail and pigweed, but generally did not have a big impact on yield differences. Emergence and stands were good and rainfall for the summer was above average. Data rejected due to statistically unacceptable yield variation across replications of the same product.

† 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: 12/11/2017 Revised:

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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
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 unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.