2017 Soybean Top 30 Harvest Report

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

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

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

S2017DMNO03

Top 30 of 42

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

HARVESTED - STAND:	Dec 8 15	9,800 /A		3				Averag	e of (3) Re	plications
				SCN	Yield	Moisture	Lodging	Stand	Gross Ir	ncome
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	◆ Bu/A ◆	%	%	(x 1000)	\$/Acre	Rank
Stime	379902 \$	MARK (2Y	3.7		554	13.2		100.0	25.40	
Hubrer	H40-27R2X	RMX, ST	4.3		58.6	12.7		161.5	85.40	2
T.A. Seeds	19.075994.2	RIR (2Y	3.7	MIR.	18.2	12.6		102.6	81.00	
Hubrer	H08-37R(2K	MAKK	3.8		58.1	12.0	7	962.6	86.07	
Hubrari	H40 13R2	RRIGHT.	4.2		57.2	12.4		109.1	91.29	
BIG ATME	Bx53674RRQ157	SEX REX.ST	3.6	88	853	123		902.6	80.00	
Poneer	POSTSAR 5	MAR.	3.5		545			100.0	97.04	7
Mile Albertic	Bx 5388949Q157	S RANGE ST	3.0		545	10	>	102.2	95.00	
Augrow	AG3618 §	RMC	3.6		542	15			80.01	
Doebbers	RPM 42KP	MAKK	4.2	* /	54.0))	80.00	10
Bayer	CZ4EZRA	S.L.	4.2		111	12.0	2//		54.00	91
Stid Attacks	BAS4100EXPT10	7 80	4.1		93.0			***	5490	12
Great Heart	GT-38QKX	MARCH.	3.9					902.6	54/80	13
Charmel	@1783LISK	RMX, ST	4.3					44.0	5490	14
Charmel	37 16/4/21		3.7					102.6	\$400	
T.A. Seeds	75.39199.21		\sim		1			902.6	5456	***
NK Brand	538-P51 §		3.9	\ (\)		112		91.5	\$450	127
Dina	AUGHEZ S		*1			118		90.3	5480	- 10
Strip Attachic		7 86	~		124	124	**	90.3	5480	10
Door Blens		(527	12.9		104.5	\$407	200
Augrow			\mathcal{S}		121	121		100.1	\$407	21
Charmel		1//5		*	525	123		104.0	5480	22
Strip Attached	BASSE179902		3.8	-	525	11.0		91.5	5480	23
Bayer			3.4	-	51.7	12.4	-	163.3	9479	24
Direct Contract Contr			4.3		518	12.8		441	94.77	25
Bayer		NA.	3.0		515	12.4	***	101.5	\$4.75	26
Bio Atlantic		MIN 2Y	3.0	-	811	128		100.7	9473	
Charmel	42-804/31/38	MALKST	4.2		518	127		90.3	\$472	200
Bayer	CENTRAL	SA.	4.1		567	128		100.1	5410	200
NK Brand	540715	RR(2)	47		56.7	12.6		913	5450	
Rolin V	suffmon			erages =	52.2	12.5	5	159.8	\$483	
	mon Oliver			(0.10) =	ns	ns	3.3			
Rob Kauffman				(0.25) =	ns	ns	1.7			
rkmaits@aol.com, (7	717) 413-0763			C.V. =	10.7		Prev. y	ears avg. yi	eld, 47.6 bu	ı/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:



2017 Soybean - Delaware Maryland North [DMNO]

All-Season Test Products (42 Total)

ompany/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG36X6 §	RRX	3.6	R	ACi
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi
Asgrow	AG43X7 §	RRX,ST	4.3	R	ACi
Bayer	CZ3443LL	LL	3.4	MR	
Bayer	CZ3738LL	LL	3.7		EE,IL,PV
Bayer	CZ3841LL	LL	3.8	R	EE,IL,PV
Bayer	CZ4105LL	LL	4.1	R	EE,IL,PV
•	CZ4103LL CZ4222LL	LL	4.1		
Bayer					
Bayer	CZ4308LL	LL	4.3	MR	<u> </u>
Channel	3718R2X	RRX	3.7	R	ACi
Channel	3816R2X/SR	RRX,ST	3.8	R	ACi
Channel	4218R2X/SR	RRX,ST	4.2	R	ACi
Channel	4317R2X/SR	RRX,ST	4.3	R	ACi
Doeblers	RPM 39X8 [^]	RRX	3.9	R	DPHB,IL
Doeblers	RPM 40R8^	RR	4.0	R	DPHB,IL
Doeblers	RPM 42X8 [^]	RRX	4.2	R	DPHB,IL
Doeblers	RPM DB3517R^	RR	3.5	R	DPHB
Doeblers	RPM DB3817R^	RR	3.8	R	DPHB
Great Heart	GT-3711XS	RRX,ST	3.7	R	Gr+
Great Heart	GT-3926X	RRX	3.9	R	Gr+
Great Heart	GT-4231XS	RRX,ST	4.2	R	Gr+
Hubner	H38-37R2X	RRX	3.8	R	AC,PV
Hubner	H42-13R2	RR2Y	4.2	R	AC,PV
Hubner	H43-27R2X	RRX,ST	4.3	R	AC,PV
Hubner	H47-16R2X	RRX,ST	4.7	R	AC,PV
Mid-Atlantic	MAS3500EXPT/GT	BG	3.5		
Mid-Atlantic	MAS3516RR2	RR2Y	3.5	MR	
Mid-Atlantic	MAS3674RR2/STS/E		3.6	MR	
Mid-Atlantic	MAS3817RR2	RR2Y	3.8	MR	
Mid-Atlantic	MAS3889RR2/STS	RR2Y,ST	3.8	R	PS
Mid-Atlantic	MAS4100EXPT/GT	BG	4.1	MR	
Mid-Atlantic	MAS4355NRR2/STS	,	4.3	MR	
NK Brand	S39-P5X §	RRX	3.9	R	CCB,Me
NK Brand	S39-T3 §	RR2Y,ST	3.9	R	CCB,Me
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me
Pioneer	P31T77R §	RR	3.1	R	
Pioneer	P35T58R §	RR	3.5	R	?
Stine	37RI02 §	RR2Y	3.7	R	SFI
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI
Stine	43RE02 §	RR2Y	4.3	R	SFI
T.A. Seeds	TS3759R2	RR2Y	3.7	MR	TE
	TS3969R2X	RRX	3.9	MR	



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

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
Cl	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	Gaucho [®]	YPP	YP Pro™

^{*} Seed treatments may include unspecified plant health promoting components.