

2010 BETTER VARIETIES Harvest Report for Mid-Atlantic [MIDA]
 Rob Kauffman, Lancaster County, PA 17552 [MOUNT JOY]

SOMIDA01

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Hagerstown silt loam, non-irrigated, mod. well drained
 SOIL CONDITIONS: high P, mod. high K, 6.6 pH, 4% OM
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Python, Dual II Magnum
 SEEDING - RATE: May 22 200,000 /A
 HARVESTED - STAND: Oct 18 198,500 /A

 3.5 - 4.0 MAT. GROUP
 15" ROW SPACING

 TOP **24** for **YIELD** of **24** TESTED
 AVERAGE of **(3)** REPLICATIONS

Company	Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Pioneer	93Y80 GC	RR	3.8	R	None	57.3	13.2	3.0	192.8	\$630.1
Doebler's	RPM DB3809RR^	RR	3.8	R	CM,O	54.5	15.9	2.0	196.3	\$596.3
Dyna-Gro	39RY41	RR2Y	4.1	R	AC	53.3	13.4	3.0	192.8	\$585.9
NK Brand	S36-B6	RR	3.6	MR	CM,O	52.8	14.3	3.0	203.3	\$579.4
Dyna-Gro	37RY39	RR2Y	3.9	R	AC	50.7	13.7	9.0	197.5	\$557.0
Asgrow	AG3803	RR	3.8	R	None	50.4	13.6	7.3	195.1	\$553.8
TA Seeds	TS3609L*	LL	3.6	MR	T6,E	49.8	15.8	5.7	197.4	\$545.0
Channel	3801R2	RR2Y	3.8	R	AC	49.5	13.9	4.0	202.1	\$543.6
TA Seeds	TS3989RS	RR,STS	3.9	R	T6,E	49.0	14.3	1.0	200.9	\$537.7
Channel	3701R2	RR2Y	3.7	R	AC	48.9	14.6	5.7	196.3	\$536.3
TA Seeds	TS3919L*	LL	3.9	MR	T6,E	48.5	14.2	5.7	205.6	\$532.3
Hubner	H35-10R2	RR2Y	3.5	R	AC	48.4	14.4	5.7	209.1	\$531.0
Channel	3502R2	RR2Y	3.5	R	AC	48.4	16.9	12.0	189.4	\$528.6
Doebler's	RPM DB3909RR^	RR	3.9	R	CM,O	48.2	15.4	5.7	198.6	\$527.9
Channel	3600R2	RR2Y	3.6	R	AC	47.8	15.1	5.7	195.1	\$523.8
Hubner	H39-01R2	RR2Y	3.9	R	AC	47.4	14.1	7.3	198.6	\$520.4
TA Seeds	TS3619RS*	RR,STS	3.6	MR	T6,E	47.2	14.3	35.0	196.3	\$518.0
TA Seeds	TS4299RS	RR,STS	4.2	R	T6,E	46.9	14.2	11.0	202.1	\$514.8
Doebler's	RPM DB3519RR^	RR	3.5	R	CM,O	46.4	14.1	2.0	199.8	\$509.4
Dyna-Gro	38RY35	RR2Y	3.5	R	AC	46.3	14.2	14.3	195.1	\$508.2
Channel	4000R2	RR2Y	4.0	R	AC	44.4	13.4	11.7	198.6	\$488.0
Dyna-Gro	32RY40	RR2Y	4.0	R	AC	43.2	14.6	4.0	200.9	\$473.8
Public	Monocacy	None	4.0	S	None	40.9	16.1	19.0	197.5	\$447.4
TA Seeds	TS4819L*	LL	4.8	MR	T6,E	38.3	14.4	6.0	203.3	\$420.2
Test Average =						48.3	14.5	7.9	198.5	\$529.5
LSD (0.10) =						5.2	1.5	10.7		
C.V. =						7.8	7.5			

Robin Kauffman
F.I.R.S.T. Manager

TEST COMMENTS: *Vegetatively, the soybean plants looked good but they developed few beans per pod which hurt overall yield. Summer was hot with periods of no rain which stressed soybeans. Soybean plant height was normal to tall but just didn't set the beans.*

Lat: N40.13583, Long: W76.54296

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.00

[†] Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

^{††} Seed Treatment: AC - Accelaron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

 Results in **bold** are significantly above the test average. GC = grower chosen product, * brands without a seed lot number; ns = not significantly different

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/27/2010 Revised:



Footnotes, Abbreviations, and Trademarks

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 Doeblers PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
CB/LL	Agrisure [®] CB/LL
CB/LL/RW	Agrisure [®] CB/LL/RW
GT	Agrisure [®] GT
GT/CB/LL	Agrisure [®] GT/CB/LL
HX	HERCULEX [®] I Insect Protection
HXT	HERCULEX [®] XTRA Insect Protection
LL	LibertyLink [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

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