

Hybrid Test Reports

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Farmer's Independent Research of Seed Technologies

Mid-Atlantic Independent Tech Services
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2002 BETTER HYBRIDS Harvest Report for Pennsylvania Southeastern [PASE] Chilcoat Farm Enterprises, 15396 Draco Rd., Stewartstown, PA., 17363 [STEWARTSTOWN]

SOIL CONDITIONS Chester silt clay loam, 2.0% slope, well drained
3.5 m, 6.5 pH, moderately high P, moderate K

PREVIOUS CROP/HERB TILLAGE/CULTIVATION Corn / Atrazine followed by Lightning
No-till

NITROGEN PROGRAM 160# N as UAN 30% + 30# N AMS + DAP spring applied

PEST MANAGEMENT Atrazine + 2-4D followed by Accent and Northstar, Regent 4SC

PLANTED - SEEDING May 4 - 31,500/A

HARVESTED - STAND November 9 - 27,200

**TOP 24 OF 41 TESTED
AVERAGE OF (3) REPLICATIONS**

COMPANY	HYBRID	YIELD Bu/A	MOIST %	LODGING %	STAND (000)	INCOME \$
PIONEER	33A14	149.0	20.5	2.0	28.0	\$356.1
GARST	8443	146.2	19.7	0.0	27.6	\$351.7
NK BRAND	N70-D5	144.6	20.8	0.0	25.8	\$344.7
AGWAY SEEDS	AG6001	144.4	19.6	0.7	28.3	\$347.6
MID-ATLANTIC	MA9094	144.2	19.1	0.3	27.8	\$348.5
HYTEST SEEDS	HT7761	143.8	21.9	1.3	28.8	\$339.5
GARST	8590	143.2	19.1	1.7	28.0	\$346.1
MYCOGEN	7474	141.8	20.0	1.7	27.1	\$340.3
MYCOGEN	2A791	138.6	22.2	0.3	28.5	\$326.6
GARST	8484IT	138.5	21.0	0.7	26.0	\$329.7
PIONEER	33B51	136.4	21.0	0.7	28.2	\$324.6
GARST	8484ITGAUCHO	135.6	21.6	0.0	26.0	\$321.2
MID-ATLANTIC	MA9070RR	134.4	18.3	0.0	28.6	\$327.1
HUBNER	H3487	134.3	19.1	1.7	27.9	\$324.7
GARST	8362IT	134.3	21.2	0.0	26.5	\$319.0
MYCOGEN	2A812(HX1)	134.2	23.8	0.0	28.6	\$311.8
AGWAY SEEDS	AG6399Bt	133.7	20.2	1.0	25.9	\$320.4
MID-ATLANTIC	MA8011RR	133.0	19.5	0.3	25.8	\$320.5
AMERICAN SEEDS	A-110	132.8	19.4	0.7	26.4	\$320.1
MYCOGEN	2K785(HX1)	132.7	22.3	0.3	26.4	\$312.4
CHEMGRO SEEDS	7530Bt	132.3	22.6	1.3	28.5	\$310.7
GARST	8348	130.5	21.0	0.7	26.5	\$310.7
GOLDEN HARVEST	H-9247Bt	130.3	19.9	0.3	25.1	\$313.0
AGWAY SEEDS	AG6515	128.9	22.3	3.0	27.4	\$303.5
Test Averages =		130.0	20.9	1.1	27.2	\$309.7
Isd(10) =		18.0	1.0	1.8		
CV =		10.2	3.7	128.1		

Robin Kauffman
FIRST Manager

YIELD/INCOME FACTORS: BASE MOISTURE = 15.0% | SHRINK = 1.0 | DRYING = \$.020/Pt/Bu | PRICE = \$2.50/Bu

FIELD NOTES

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2002 BETTER HYBRIDS Harvest Report for Pennsylvania Southeast [PASE] Mason's Chrome View Ltd., 86 Chrome Rd, Nottingham, PA, 19362 [Nottingham]

SOIL CONDITIONS Silty clay loam, 0.5% slope, well drained
1.9 m, 6.9 pH, moderate high P, High K

PREVIOUS CROP/HERB TILLAGE/CULTIVATION Soybeans / RoudupUltra at 32 oz /A
No-till

NITROGEN PROGRAM 25 ton dry dairy manure fall 2001 + 15 ton dry dairy manure spring 2002
+ 37# AMS as starter

PEST MANAGEMENT Aatrex + Prowl followed by BasisGold & Clarity, Regent 4SC

PLANTED - SEEDING May 6 - 30,500

HARVESTED - STAND October 7 - 28,100

**TOP 24 OF 41 TESTED
AVERAGE OF (3) REPLICATIONS**

COMPANY	HYBRID	YIELD Bu/A	MOIST %	LODGING %	STAND (000)	INCOME \$
SCHLESSMAN SEEDS	SX-710	165.3	20.6	0.3	30.2	\$394.8
AGWAY SEEDS	AG6001	157.3	20.3	1.7	27.9	\$376.6
GARST	8348	152.7	20.6	0.7	27.6	\$364.6
AGWAY SEEDS	AG6399Bt	152.5	19.1	0.7	29.6	\$368.5
MYCOGEN	2A791	152.2	22.7	0.7	28.1	\$357.0
GARST	8590	149.9	18.0	1.0	27.3	\$365.8
MYCOGEN	2K785(HX1)	148.9	20.1	0.3	29.0	\$357.2
AMERICAN SEEDS	A-110	148.5	20.4	0.0	28.1	\$355.3
HUBNER	H3487	148.4	19.0	3.0	26.0	\$358.9
PIONEER	33B51	148.2	20.6	1.3	28.3	\$353.8
HYTEST SEEDS	HT7761	146.4	21.4	2.0	28.1	\$347.0
GARST	8484IT	144.2	13.1	0.0	28.7	\$365.9
MID-ATLANTIC	MA9094	143.5	17.9	0.7	26.7	\$350.4
PIONEER	31G98	142.8	23.0	0.7	27.6	\$334.2
PIONEER	34B24	140.1	19.5	0.3	27.4	\$337.6
MYCOGEN	2A812(HX1)	139.3	18.5	0.3	28.8	\$338.5
MYCOGEN	7512	138.4	20.7	1.3	28.5	\$330.3
NK BRAND	N65-Y3	138.1	19.3	0.7	29.0	\$333.4
MID-ATLANTIC	MA9140YG	138.1	18.0	0.3	26.9	\$337.0
DOEBLERS	649XY	137.0	20.2	0.7	28.8	\$328.2
DOEBLERS	HC560	136.9	19.9	0.7	27.9	\$329.0
MID-ATLANTIC	MA8011RR	136.8	18.5	0.3	27.4	\$332.2
HYTEST SEEDS	HT7806Bt	136.5	24.3	0.0	28.0	\$315.7
AGWAY SEEDS	AG6191	135.9	19.0	0.0	28.6	\$329.0
Test Averages =		136.7	20.0	0.7	28.1	\$328.1
Isd(10) =		24.6	2.8	ns		
CV =		13.2	10.3			

Robin Kauffman
FIRST Manager

YIELD/INCOME FACTORS: BASE MOISTURE = 15.0% | SHRINK = 1.0 | DRYING = \$.020/Pt/Bu | PRICE = \$2.50/Bu

FIELD NOTES

Corn looked great right up to July 4. Then heat and lack of rainfall caused poor kernel pollination and ear fill.

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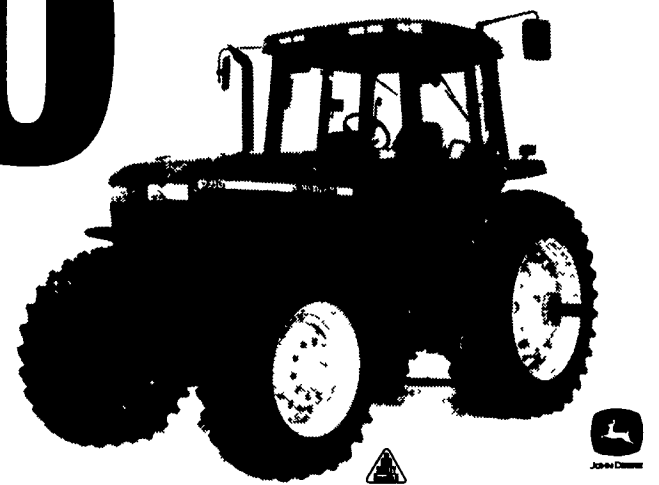
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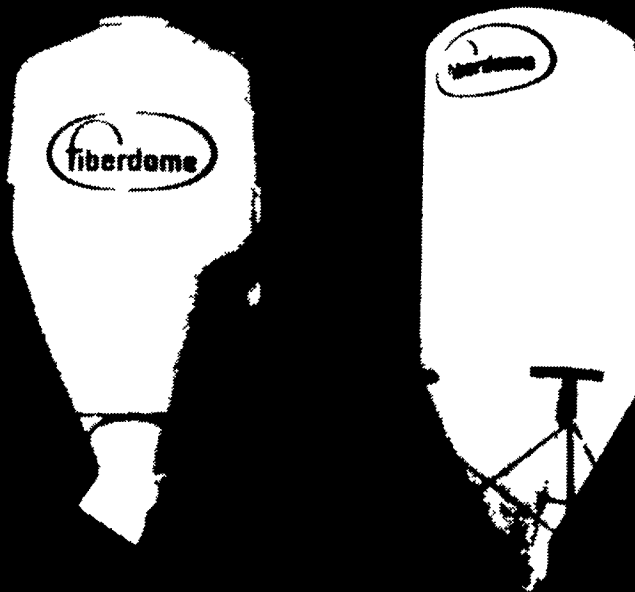
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