

1997 Pa. Commercial Hybrid Test Reports

(Continued from Page 17)

PENNSTATE



Pennsylvania Commercial Hybrid Corn Tests Report

College of Agricultural Sciences
Cooperative Extension

Late season hybrids (Maturity Zone 4) 1997 results

ADVANCED ENTRIES

Table 1. Late season hybrid performances (Maturity Zone 4) Combined Penn State Commercial Advanced Entries (average of five locations). Data under Location Means indicate counties where values were obtained.

BRAND-HYBRID	PERCENT OF CHECK			% H ₂ O GRAIN	BU/A GRAIN	% ERECT	GLS RATING
	H ₂ O	YIELD	ERECT				
AGRIPRO AP9616	91.0	99.4	100.6	24.7	187.4	98.2	2.3
DOEBLER S 737XP	92.6	96.0	100.3	25.1	181.0	97.9	2.3
DOEBLER S 746XY	93.4	95.6	100.3	25.3	180.3	97.9	2.3
AGWAY AG767	94.9	99.6	99.6	25.7	187.9	97.2	1.8
CHEMGRO 7343	96.6	96.9	99.2	26.2	182.7	96.6	2.2
CARGILL 7997	96.8	92.0	100.8	26.2	173.5	98.4	2.5
MID ATLANTIC 9141	96.9	87.8	99.9	26.3	165.6	97.5	2.7
PIONEER 3140	98.7	102.1	99.3	26.7	192.0	97.4	1.3
DOEBLER S 82XP	98.8	105.0	101.0	26.9	198.3	99.1	1.3
AGRIPRO AP9707	100.1	106.0	98.5	27.2	199.9	96.2	2.0
TERRA TR1157	100.5	102.2	98.3	27.2	192.7	95.9	1.3
DOEBLER S 75X2	100.9	101.0	100.8	27.4	190.5	98.4	1.0
TERRA TR1167	101.0	93.6	101.3	27.5	176.0	98.6	2.2
MID ATLANTIC 9171	103.5	102.3	98.8	28.1	192.9	96.5	1.2
CHEMGRO 7796	104.3	108.3	99.2	28.4	205.3	96.8	1.3
DYNAGRO UAPX15057	104.9	99.5	96.6	28.4	187.5	94.3	2.2
MYCOGEN 8460	106.5	101.3	99.9	28.9	191.1	97.5	1.0
DEKALB DK683	107.1	101.3	100.9	29.0	190.9	98.4	2.0
MEANS	98.0	98.9	99.3	26.7	186.6	97.5	1.3
LSD (.05)				1.0	11.7	1.8	1.2
LOCATION MEANS							
Lancaster				24.3	190.1	94.4	
Lehigh				30	83.1	98.1	
Franklin				28.8	158.0	98.3	1.3
Berks				28.0	216.1	99.8	
Lancaster				27.4	95	96.4	

NEW ENTRIES

Table 2. Late season hybrid performances (Maturity Zone 4) Combined Penn State Commercial New Entries (average of five locations). Data under Location Means indicate counties where values were obtained.

BRAND-HYBRID	PERCENT OF CHECK			% H ₂ O GRAIN	BU/A GRAIN	% ERECT	GLS RATING
	H ₂ O	YIELD	ERECT				
DOEBLER S 746XY	94.4	95.9	99.9	25.7	181.7	97.1	1.6
EASTLAND E748	96.2	100.9	100.4	26.2	191.2	97.6	0.9
CARGILL 7997	96.4	92.2	99.2	26.3	174.7	96.5	1.8
NC- 8387	97.5	103.4	98.2	26.8	195.9	95.5	0.7
AGWAY AG795	98.6	99.5	98.8	26.9	188.6	96.1	1.0
NORTHROP KING 6216X	99.4	101.6	100.0	27.1	192.4	97.2	0.9
CHEMGRO 7596	99.8	104.8	101.2	27.2	198.5	98.4	1.3
PIONEER 32K61	100.0	105.5	99.1	27.2	199.8	96.4	0.7
PIONEER 3140	101.0	102.5	99.8	27.5	194.1	97.0	2.0
DYNAGRO 5570	101.8	104.1	100.4	27.8	197.1	97.6	1.7
CARGILL 8311	102.0	104.1	100.3	27.8	197.2	97.5	1.5
EASTLAND E774	102.4	103.0	100.9	27.9	195.1	98.1	1.2
MYCOGEN 8460	102.7	103.2	101.3	28.0	195.4	98.5	1.0
NC- 7237	104.1	104.9	99.6	28.2	198.7	96.8	1.0
CHEMGRO 7757	103.0	107.2	100.6	28.4	203.1	97.6	1.2
CHEMGRO 758XY	105.3	109.8	100.7	28.7	208.0	97.9	0.8
DOEBLER S 858XY	105.8	97.8	98.5	28.8	184.9	95.8	1.0
HUBNER H3815X	105.8	108.2	99.7	28.8	201.2	97.0	2.0
CHEMGRO 7796	106.1	97.6	100.3	28.9	184.8	97.5	0.7
DYNAGRO 5562	106.1	97.6	100.3	28.9	184.8	97.5	0.7
GARST 8220	107.0	110.8	99.9	29.2	210.0	97.1	0.7
MEANS	101.0	102.7	99.9	27.6	194.6	97.2	1.2
LSD (.05)				0.9	10.2	1.6	1.0
LOCATION MEANS							
Lancaster				25.8	189.9	95.6	
Lehigh				29.9	184.7	97.5	
Franklin				29.7	176.8	98.8	1.2
Berks				28.9	221.4	99.8	
Lancaster				24.0	200.4	94.2	

TWO-YEAR AVERAGE PERFORMANCE

Table 3. Long-season hybrids mean performance, 1996-97 (Maturity Zone 4).

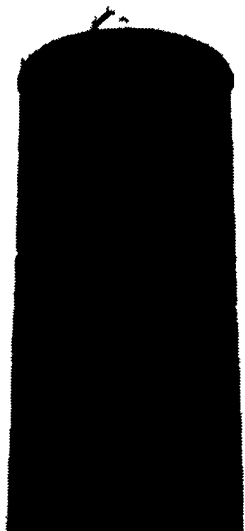
BRAND-HYBRID	PERCENT-OF-CHECKS			% H ₂ O GRAIN	BU/A GRAIN	% ERECT
	H ₂ O	YIELD	ERECT			
CARGILL 7997	96.2	96.8	100.1	25.2	177.3	97.5
DOEBLERS 737XP	96.2	102.1	99.7	25.2	187.1	97.1
CHEMGRO 7343	96.9	103.9	99.5	25.4	190.4	96.9
AGRIPRO AP9616	97.3	105.5	99.7	25.5	193.2	97.1
DOEBLERS 746XY	97.3	98.8	100.1	25.5	181.0	97.5
PIONEER 3140	98.1	102.3	100.1	25.7	187.4	97.5
AGRIPRO AP9707	99.2	104.4	98.3	26.0	191.3	95.7
DOEBLERS 75X2	100.4	99.2	98.5	26.3	181.8	95.9
TERRA TR1167	100.8	102.5	100.4	26.4	187.8	97.8
DOEBLERS 82XP	101.5	107.8	100.4	26.6	197.4	97.8
DYNAGRO UAPX15057	101.9	106.3	97.2	26.7	194.8	94.7
CHEMGRO 7796	103.8	107.3	98.6	27.2	196.5	96.0
MYCOGEN 8460	104.6	103.7	97.0	27.4	189.9	94.5
DEKALB DK683	105.7	105.0	100.6	27.7	192.4	98.0
MID ATLANTIC 9171	106.9	105.9	99.9	28.0	194.0	97.3
TERRA TR1157	107.3	103.1	99.3	28.1	188.8	96.7
MEANS	100.9	103.4	99.3	26.4	189.4	96.8

SILAGE ENTRIES

Table 4. Silage performances of long-season hybrids (Maturity Zone 4)

BRAND-HYBRID	YIELD (T/A)			BRAND-HYBRID	YIELD (T/A)		
	65% H ₂ O	% H ₂ O PLANT	DRY MAT PLANT (T/A)		65% H ₂ O	% H ₂ O PLANT	DRY MAT PLANT (T/A)
DOEBLER'S 737XP	20.3	63.1	7.4	DOEBLER'S 858XMOD	22.8	68.8	7.1
AGRIPRO AP9572	17.4	65.5	6.0	MID ATLANTIC 9200	21.2	69.1	6.6
DEKALB DK642	20.1	66.7	6.6	MID ATLANTIC 9171	20.9	69.1	6.6
CARGILL 8311	25.1	67.1	8.3	MID ATLANTIC 9181	19.9	69.7	6.1
EASTLAND E774	23.3	67.3	7.6	DEKALB DK687	24.6	70.0	7.4
EASTLAND E868	24.3	67.5	7.9	DOEBLER'S 82XP	23.3	71.2	6.8
PIONEER 3173	24.3	67.7	7.8	CARGILL X8504	16.9	71.5	4.9
PIONEER 3335	24.6	68.1	7.9	MEANS	22.1	68.2	7.0
CARGILL 8511FQ	24.3	68.5	7.6	LSD (.05)	3.8	3.6	1.7

Keep Your High Moisture Corn The Better Way In An Oxygen-Limiting Poured Concrete Silo



With A 6" Thick Wall, Ambient Temperatures And Sun Have Limiting Effect On Interior Temperature Resulting In Better Quality Corn.

Bottom Unloading By Auger Or Power Sweep.

★ STAR SILOS ★

717-866-5708 or 800-431-7709

630 E. Lincoln Avenue, Myerstown, PA 17067

After Office Hours Call:

Bob Brubaker 717-464-3136 John Swope 717-933-4758

Maximizer Technology™ MAX 496

For consistent high yields, it's hard to beat Maximizer Technology™ hybrids from Novartis Seeds, Inc.

MAX 496 with KnockOut™ built-in corn borer control yielded an average of 185.2 bu./ac. on 476 acres spread over 4 farms at Jaindl Turkey Farms in Lehigh County, PA

Wencrest Farms reported yields of 185 bu/ac. on their farm in Lebanon County, PA

To learn more about MAX 496 and other Maximizer Technology™ hybrids, Call your Hoffman Seeds dealer or call Hoffman Seeds @ 1-800-776-7929



Hoffman Seeds, Inc.

167 Greenfield Road

P.O. Box 12400

Lancaster, PA 17605-2400



Trusted Value. New Ideas

http://www.hoffmanseeds.com