

# (Maturity Zone 2)

## ADVANCED ENTRIES

Table 1 Early medium season hybrid performances (Maturity Zone 2) Combined Penn State Commercial Advanced Entries (average of six locations) Data under Location Means indicate counties where values were obtained

BRAND HYBRID	PERCENT-OF-CHECK			%H2O GRAIN	BU/A GRAIN	% ERECT
	H O	YIELD	ERECT			
DOEBLER S 57XPA	95.8	89.4	104.8	20.5	106.0	93.8
DOEBLER S 52XPA	96.0	87.4	102.6	20.5	103.6	91.8
WETSEL S100	96.1	80.7	102.6	20.5	95.7	91.8

# (Maturity Zone 1)

(Continued from Page 23)

MEANS LSD (.05)	PERCENT-OF-CHECK			%H2O GRAIN	BU/A GRAIN	% ERECT
	H O	YIELD	ERECT			
	106.4	101.9	102.0	22.7	109.9	92.8
	4.8	8.7	4.6	1.0	10.4	4.2
LOCATION MEANS						
Bradford	112.2	108.5	106.6	23.9	117.0	96.9
Clarion	99.1	131.8	96.1	21.1	142.2	87.4
Cambria	99.0	119.4	104.2	21.1	128.8	94.7
Lycoming	114.9	79.8	96.5	24.5	86.1	87.7
Centre	106.8	70.1	106.8	22.8	75.6	97.1

### TWO-YEAR AVERAGE PERFORMANCE

Table 3 Short-season hybrids mean performances 1994-1995 (Maturity Zone 1)

BRAND-HYBRID	PERCENT-OF-CHECKS			%H2O GRAIN	BU/A GRAIN	% ERECT
	H O	YIELD	ERECT			
AGWAY AG131	91.4	84.0	103.6	22.4	105.3	98.0
DOEBLER'S 27XP	93.9	87.6	101.9	23.0	109.8	96.4
NC+ 1991	96.7	100.6	98.3	23.7	126.1	93.0
PIONEER 3861	97.1	96.9	100.2	23.8	121.4	94.8
DOEBLER'S 322X	97.1	91.7	99.3	23.8	114.9	93.9
FUNK'S G-4172	98.0	103.4	100.8	24.0	129.5	95.4
FUNK'S G-4214	98.4	100.8	100.7	24.1	126.3	95.3
AGWAY AG262	98.8	91.5	98.8	24.2	114.6	93.5
AGWAY AG266	99.2	95.0	104.5	24.3	119.0	98.9
DOEBLER'S 49XP	101.2	98.8	103.6	24.8	123.8	98.0
DEKALB DK 485	101.8	107.6	99.8	24.9	134.8	94.4
BEACHLEY HARDY BH4418	101.6	102.5	101.5	24.9	128.4	96.0
PIONEER 3751	101.6	98.7	101.0	24.9	123.7	95.5
FUNK'S G-4273	102.4	100.3	101.9	25.1	125.7	96.4
AGWAY AG310	104.1	92.8	100.1	25.5	116.3	94.7
NORTHROP KING N4242	104.5	96.3	102.2	25.6	120.7	96.7
DOEBLER'S 52XP	105.3	98.9	101.3	25.8	123.9	95.8
HY PERFORMER HS9330	106.5	99.6	102.6	26.1	123.5	97.1
AGWAY AG394	107.8	97.3	101.6	26.4	121.9	95.8
NC+ 2844	108.0	100.2	98.2	26.7	125.5	92.9
DEKALB DK512	109.8	104.4	100.2	26.9	130.8	94.8
ICI 8562	114.3	99.6	104.0	28.0	124.8	98.4
CARGILL 5677	114.3	98.0	101.2	28.0	122.8	95.7
CARGILL SX269	117.1	109.0	103.1	28.7	136.6	97.5
HYTEST HT318	118.0	106.8	101.7	28.9	133.8	96.2
MEANS	103.7	98.5	101.3	25.4	123.4	95.8
LSD (.05)	4.0	8.0	2.9	1.0	10.1	2.7

Results of the tests for short-season early medium season late medium season and late-season hybrids are available as separate reports from county offices of Penn State Cooperative Extension

Members of the county based extension staff assisted in conducting these tests Their efforts were essential to the successful completion of the trials, and were greatly appreciated

This report represents the combined efforts of extension research and service personnel in the Departments of Agronomy and Plant Pathology (M W Johnson, R L Williams, and J E Ayers)

The tables in this report may be reproduced only in their entirety

### SILAGE ENTRIES

Table 4 Silage performances of short-season hybrids (Maturity Zone 1)

BRAND-HYBRID	YIELD (T/A)	%H2O PLANT	DRY MAT PLANT(T/A)
BEACHLEY HARDY BH4472	12.4	49.5	4.3
WETSEL S120	13.5	64.4	4.7
DEKALB DK569	13.7	53.7	4.8
CARGILL 6208FQ	14.2	64.2	5.0
AGWAY AG 394	14.8	41.0	5.2
AGWAY AG 566	15.0	55.8	5.3
DOEBLER'S 585XP	15.2	56.8	5.3
CARGILL SX269	15.4	56.9	5.4
PIONEER 3525	15.5	60.4	5.4
EASTLAND E495	16.3	57.6	5.7
DOEBLER'S 806XP	16.3	55.0	5.7
DOEBLER'S 55XP	17.2	56.4	6.0
MEANS	15.0	56.0	5.2
LSD (.05)	2.7	4.8	0.9

# CORN TALK NEWS

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NORTHROP KING N5220	96.7	101.7	101.9	20.7	120.5	91.2
PIONEER 3525	97.3	104.2	98.5	20.8	123.4	88.1
DEKALB DK560	97.5	103.2	101.2	20.9	122.3	90.6
FUNK S G-4394	98.1	102.4	103.7	21.0	121.3	92.8
CARGILL 6327	98.4	100.9	102.4	21.1	119.5	91.7
DOEBLER S 636XP	98.4	115.8	103.2	21.0	137.2	92.4
CARGILL 6269	98.5	102.9	100.1	21.1	122.0	89.5
NC+ 3604	98.5	106.3	103.5	21.1	125.9	92.6
BEACHLEY HARDY BH4644	98.6	107.7	109.0	21.1	127.6	97.5
DOEBLER S 585XP	98.8	99.5	107.3	21.1	118.0	96.1
DOEBLER S 62XP	99.3	95.4	91.6	21.3	113.1	82.0
CARGILL 5677	99.3	96.5	95.0	21.3	114.3	85.0
MYCOGEN 6220	99.7	99.9	102.5	21.3	118.4	91.7
PIONEER 3527	100.7	99.7	104.6	21.5	118.1	93.6
EASTLAND E590	101.5	106.0	101.3	21.7	125.7	90.6
CARGILL 6677	101.5	97.1	90.6	21.7	115.1	81.0
MYCOGEN 6890	101.7	94.1	93.8	21.8	111.5	83.9
NC+ 4521	102.4	101.0	95.5	21.9	119.7	85.5
AGWAY AG 626	102.8	100.8	97.2	22.0	119.4	87.0
DOEBLER'S 68XP	102.8	99.7	97.4	22.0	118.2	87.2
NORTHROP KING N6822	103.8	107.2	92.2	22.2	127.1	82.5
HYTEST HT512	104.0	99.4	94.1	22.2	117.8	84.2
MEANS	99.5	100.0	99.9	21.3	118.5	89.4
LSD (.05)	2.5	9.0	3.7	0.5	10.7	3.3

### LOCATION MEANS

Centre	104.8	74.1	109.4	22.4	87.8	97.9
Lycoming	95.1	52.7	107.4	20.4	62.4	96.1
Columbia	120.6	124.8	103.1	25.8	147.9	92.3
Blair	96.4	102.9	82.7	20.6	121.9	74.0
Mercer	89.0	110.9	95.3	19.0	131.4	85.3
Lawrence	91.2	134.5	101.5	19.5	159.4	90.8

### NEW ENTRIES

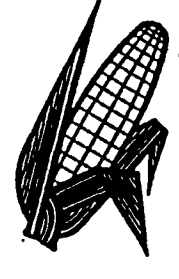
Table 2 Early medium season hybrid performances (Maturity Zone 2) Combined Penn State Commercial New Entries (average of six locations) Data under Location Means indicate counties where values were obtained

BRAND-HYBRID	PERCENT-OF-CHECK			%H2O GRAIN	BU/A GRAIN	% ERECT
	H2O	YIELD	ERECT			
DEKALB DK569	95.1	100.1	105.7	20.5	109.7	92.1
PIONEER 3525	95.5	111.3	104.2	20.6	122.0	90.7
DEKALB DK546	95.6	106.0	106.5	20.6	116.2	92.8
MYCOGEN 6060	96.7	102.9	107.3	20.9	112.8	93.4
DYNAGRO UAPX15504	97.0	98.9	108.6	20.9	108.4	94.5
ICI 8541	97.2	94.8	104.6	21.0	103.9	91.1
TERRA TR1074	97.6	93.2	93.1	21.1	102.1	81.1
FUNK S G 4394	97.7	101.1	107.2	21.1	110.8	93.3
HUBNER H3205	98.0	94.9	106.9	21.2	104.0	93.1
ANDERSONS PSX385	98.9	93.8	93.2	21.4	102.8	81.2
BEACHLEY HARDY BH4682	98.9	105.0	101.4	21.3	115.1	88.3
SCHLESSMAN SX633	99.4	88.4	97.7	21.5	96.9	85.1
AGWAY AG 657	99.4	110.0	105.9	21.5	120.6	92.2
AGWAY AG 566	100.0	105.3	101.1	21.6	115.4	88.1
ANDERSONS NC5801	100.0	109.2	105.9	21.6	119.7	92.2
CARGILL 6269	100.4	106.4	103.1	21.7	116.6	89.6
CARGILL 6997	100.6	109.4	107.6	21.7	119.9	93.7
DYNAGRO UAPX15520	100.7	96.0	101.3	21.7	105.2	88.2
TERRA TR1087	100.9	108.0	104.7	21.8	118.4	91.2
HUBNER H3107	101.0	98.1	101.2	21.8	107.6	88.2
GRIES GSF6211	101.0	105.5	105.6	21.8	115.6	92.0

(Turn to Page 27)

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