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### NEW ENTRIES

Table 2 Late medium-season hybrid performances (Maturity Zone 3) Combined Penn State Commercial New Entries (average of four locations) Data under Location Means indicate counties where values were obtained

BRAND-HYBRID	PERCENT-OF-CHECK			%H <sub>2</sub> O GRAIN	BU/A GRAIN	% ERECT	LEAF DISEASE RATING
	H <sub>2</sub> O	YIELD	ERECT				
DOEBLER'S 73XP	96.7	101.0	98.9	27.8	189.7	98.1	2.5
TERRA TR1126	97.2	79.3	100.9	27.9	148.9	100.0	2.7
CI 8400	97.5	96.3	100.1	28.0	180.8	99.2	2.0
TERRA TR1091	97.8	100.4	100.2	28.1	188.7	99.3	1.2
ASGROW RX770	98.1	105.8	99.9	28.1	198.7	99.0	2.2
HY PERFORMER HY9490	97.6	95.0	100.3	28.1	178.5	99.4	2.5
HY PERFORMER HS9592	98.1	105.0	99.1	28.1	197.2	98.2	2.5
DOEBLER'S 679XP	98.7	97.2	100.1	28.3	182.6	99.2	1.3
NORTHROP KING N7448	98.7	104.3	98.9	28.3	196.0	98.0	1.7
HY PERFORMER HX46102	98.7	103.9	99.3	28.3	195.2	98.4	1.3
CHEMGRO 7392	98.6	104.6	99.8	28.3	196.4	98.9	1.8
CHEMGRO 7494	98.5	101.1	99.8	28.3	189.8	98.9	2.7
JEACHLEY HARDY BH4776	98.9	99.0	100.0	28.4	185.9	99.1	2.7
CFS W7877	99.1	98.4	98.6	28.4	184.7	97.7	2.5
CHEMGRO 6894	99.0	98.6	100.2	28.4	185.1	99.3	1.8
CHEMGRO 7294	99.3	96.2	100.2	28.5	180.7	99.3	1.8
PIONEER 3293	99.9	100.1	100.1	28.7	188.1	99.2	1.2
CARGILL 7557	100.0	95.5	100.1	28.7	179.3	99.2	2.3
NC+ 5514	100.3	107.0	99.7	28.8	200.9	98.8	1.8
HUBNER H3413X	100.3	89.2	99.9	28.8	167.6	99.0	2.3
CARGILL 7997	100.6	100.3	98.8	28.9	188.3	98.9	2.3
CFS W6458	100.6	95.4	99.9	28.9	179.1	99.0	1.7
DOEBLER'S 737XP	100.6	104.7	98.6	28.9	196.6	97.7	2.5
CI 8481	100.6	87.6	100.1	28.9	164.5	99.2	1.5
FUNK'S G-4543	101.0	101.7	100.8	29.0	190.9	99.9	2.3
MUNCY CHIEF XA7766	101.6	95.5	98.5	29.1	179.3	97.7	2.2
GREENLAND GL268	101.4	98.6	99.5	29.1	185.2	98.6	2.3
NORTHROP KING X7782	101.3	104.3	100.2	29.1	195.8	99.3	2.5
ANDERSONS PSX433	101.6	106.5	99.9	29.2	200.0	99.0	1.2
EASTLAND E799	101.9	98.3	100.4	29.3	184.6	99.5	2.3
STINE 1145	102.4	103.6	98.6	29.4	194.6	97.7	2.5
EASTLAND 7800A	102.9	102.4	100.6	29.5	192.3	99.7	2.0
MYCOGEN 7250CB	102.8	98.8	100.1	29.5	185.4	99.2	2.7
CFS W8074	103.2	114.1	100.1	29.6	214.2	99.2	2.3
GREENLAND GL284	103.1	95.0	98.3	29.6	178.5	97.4	1.7
AGWAY AG 792	103.1	97.8	100.3	29.6	183.8	99.4	2.0
MEANS	100.1	99.5	99.8	28.7	186.9	98.9	2.1
LSD (.05)	3.0	6.4	1.2	0.9	12.7	1.2	0.6
LOCATION MEANS							
Junata	94.4	94.0	99.1	27.1	176.5	98.2	
Lycoming	91.1	101.8	100.4	26.2	191.1	99.5	
Lawrence	121.8	111.6	100.8	34.9	209.6	99.9	
Clinton	92.9	90.7	98.9	26.7	170.4	98.0	2.1

### TWO-YEAR AVERAGE PERFORMANCE

Table 3 Late medium-season hybrids performance 1993 1994 (Maturity Zone 3)

BRAND-HYBRID	PERCENT-OF-CHECKS			%H <sub>2</sub> O GRAIN	BU/A GRAIN	% ERECT
	H <sub>2</sub> O	YIELD	ERECT			
PIONEER 3394	95.0	94.8	99.5	26.7	151.8	97.2
HUBNER H3107	96.1	94.0	99.8	27.0	150.5	97.5
DOEBLER'S 73XP	96.4	102.9	99.1	27.1	164.7	96.8
AGWAY AG 792	96.4	98.6	100.3	27.1	157.8	98.0
DOEBLER'S 66XP	96.4	91.3	99.3	27.1	146.2	97.0
GREENLAND GL262	97.2	98.5	99.7	27.3	157.7	97.4
PIONEER 3295	97.9	100.6	98.0	27.5	161.1	95.7
HUBNER H3213	97.9	96.5	100.6	27.5	154.5	98.3
FUNK'S G-4473	98.2	97.6	99.6	27.6	156.2	97.3
FUNK'S G-4543	98.2	95.6	99.5	27.6	153.0	97.2
HUBNER H3405	98.2	93.8	99.6	27.6	150.2	97.3
DEKALB DK623	98.9	95.8	100.0	27.8	153.4	97.7
NORTHROP KING N6822	99.6	95.6	99.7	28.0	153.1	97.4
HUBNER H3111	100.0	94.9	100.4	28.1	152.0	98.1
EASTLAND E799	100.7	101.9	100.2	28.3	163.2	97.9
PIONEER 3293	101.1	98.8	101.0	28.4	158.2	98.7
ASGROW RX775	101.1	94.0	99.4	28.4	150.5	97.1
DOEBLER'S 69XP	101.1	92.1	100.7	28.4	147.5	98.4
CARGILL 8127	101.4	97.2	99.9	28.5	155.6	97.6
WETSEL PX115	101.4	97.1	99.6	28.5	155.5	97.3
DOEBLER'S 75X	101.8	93.9	99.7	28.6	150.3	97.4
TERRA TR1101	102.1	93.4	101.4	28.7	149.6	99.1
MYCOGEN 7660	102.5	104.3	101.6	28.8	167.0	99.3
DEKALB DK646	102.5	101.7	100.0	28.8	162.9	97.7
AGWAY AG 797	102.5	97.9	100.9	28.8	156.7	98.6
DEKALB DK678	102.8	100.2	100.6	28.9	160.5	98.3
NC+ 6485	102.8	99.5	100.3	28.9	159.3	98.0
CARGILL 7997	103.2	100.9	100.4	29.0	161.6	98.1
CARGILL 7897	104.6	94.8	99.9	29.4	151.7	97.6
FUNK'S G-4584	105.3	101.4	100.0	29.6	162.3	97.7
MYCOGEN 8240	105.3	101.1	101.5	29.6	161.8	99.2
DOEBLER'S 75X2	106.0	96.8	100.7	29.8	154.9	98.4
MEANS	100.5	97.4	100.1	28.2	156.0	97.8
LSD (.05)	2.9	6.7	1.6	0.8	10.2	1.6

### SILAGE ENTRIES

Table 4 Silage performance of late medium-season hybrids (Maturity Zone 3)

BRAND-HYBRID	YIELD (T/A)	%H <sub>2</sub> O PLANT	DRY MAT PLANT(T/A)
PIONEER 3394	22.6	63.2	7.9
AGWAY AG 797	23.1	65.3	8.1
DOEBLER'S 75XMOD2	23.7	66.6	8.3
MUNCY CHIEF XA7766	23.8	58.3	8.3
EASTLAND E799	24.3	62.5	8.5
DEKALB DK646	24.5	64.7	8.6
DOEBLER'S 737XP	25.0	60.4	8.7
DOEBLER'S 82XP	25.3	64.2	8.8
CARGILL 7777	25.5	64.3	8.9
PIONEER 3140	26.2	66.5	9.2
MUNCY CHIEF XA7790	26.3	64.5	9.2
CARGILL 8327	26.9	63.7	9.4
HY PERFORMER HS9843	27.8	64.1	9.7
AGWAY AG 792	28.8	64.4	10.1
DEKALB DK678	29.2	64.3	10.2
MEANS	25.2	63.9	8.8
LSD (.05)	4.2	2.7	1.5

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