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inoculated with pathogens causing northern corn leaf blight (NLB) and northern corn leaf spot (NLS). Ratings were made, combined, and are reported in Tables 1 and 2 under a single heading. Some corn borer damage was observed, particularly at the Centre and Clearfield County locations. Bird and animal damage was noted, especially at the Clearfield County site.

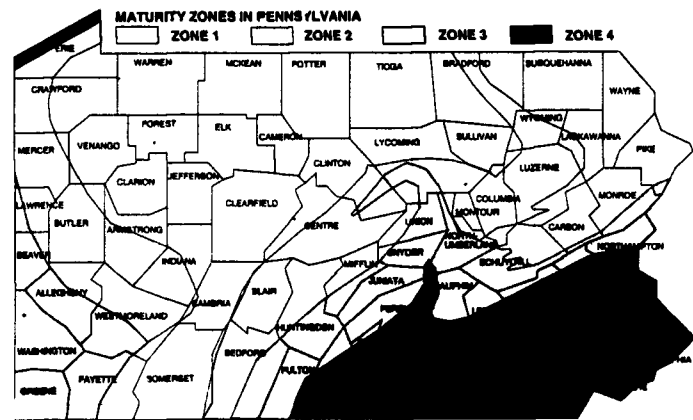
Interpretation of results

Least significant differences (LSD) is the tool used to determine if two average values are actually different statistically. The difference between two hybrids must exceed the LSD value to be considered significantly different. Example for yield: LSD = 8.1 Bu/A; Hybrid X = 120.0 Bu/A; Hybrid Y = 105.0 Bu/A; 120.0 - 105 = 15.0 Bu/A difference. Since the difference between Hybrid X and Y (15.0 Bu/A), exceeded the LSD (8.1 Bu/A), hybrid X was higher yielding due to hybrid superiority and not simply as a result of uncontrolled environmental factors.

Cooperators and locations

Short-season hybrids were evaluated with the cooperation of the following persons: Owen Brackman, Bradford County; Frank Sankey, Clearfield County; Gerald Yahner, Cambria County; Bernie Beichman, Clarion County; Walter Ramsey, Potter County; and Penn State farms, Centre County.

CORN TALK NEWS
PENNSYLVANIA MASTER CORN GROWERS ASSOC., INC.



ADVANCED ENTRIES

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

BRAND-HYBRID	PERCENT-OF-CHECKS			%H ₂ O GRAIN	BU/A GRAIN	% ERECT	LEAF DISEASE RATING
	H ₂ O	YIELD	ERECT				
AGWAY AG 295	93.9	92.8	99.9	26.8	125.5	98.3	1.8
FUNK'S G-4172	95.6	106.9	99.7	27.3	144.6	98.1	2.5
DOEBLER'S 27XP	96.0	89.3	100.6	27.4	120.8	99.0	1.8
PIONEER 3861	97.0	98.7	98.9	27.6	133.6	97.3	2.7
AGWAY AG 310	98.4	100.7	99.2	28.1	136.3	97.6	1.2
TERRA TR910	98.7	94.8	99.6	28.2	128.3	98.0	2.2
DOEBLER'S 49XP	99.8	90.1	101.2	28.4	121.9	99.6	2.3
AGWAY AG 262	99.8	90.4	100.6	28.4	122.3	99.0	3.2
WETSEL PX85	100.4	92.6	100.6	28.6	125.4	99.0	2.8
WETSEL PX90	100.3	92.5	100.3	28.6	125.2	98.7	2.7
NC- 2309	101.0	102.3	100.8	28.8	138.4	99.2	2.8
PIONEER 3751	101.3	103.2	100.3	28.9	139.6	98.8	0.8

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Innovative Farming Technology At Corn Classic

NASHVILLE, fresh, new way of thinking NCGA invited representa-
Tenn.—Heads were spinning about agriculture,” said panel tives from four companies to
with new ideas and innovative moderator Lynn Henderson, participate in the panel and
farming technology at the site Doane Agricultural Services speak to nearly 2,300 farmers
specific farming panel discus- Company. “Technology today registered about precision
sion during the National Corn allows the farmer to know farming breakthroughs in the
Growers Association’s exactly where he is in a field industry, Deere & Co., Resour-
(NCGA) Corn Classic here. and target that area for special ce21, Crop Technology, Inc.,
“Site-specific farming is a treatment.” and Infielder. (Turn to Page 21)

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