Hybrid Test Reports

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TWO-YEAR AVERAGE

Table 3. Two-year average of late medium-season (Maturity Zone 3) hybrids that were entered in both the 2000 and 2001 tests.

Grain Moisture (%)	Grain Yield (bu/acre)	Erect Plants (%)	Bushel Weight (lbs)
18.2	149.7	97.3	55.0
20.4	151.5		55.7
21.0			55.2
21.1 (5.4)		99.6.7	54.7
21.2	144.9		56.8
	79137.8* X •		53.9
21.7	143.1	A CANADA A MANAGEMENT AND	54.1
21.7			54.6
22.0	156.6	97.7	55.5
20.9	148.7	97.7	55.0
	Moisture (%) 18.2 20.4 21.0 21.1 21.2 21.3 21.7 21.7 22.0	Moisture (%) (bu/acre) 18.2 149.7 20.4 151.5 21.0 158.8 21.1 142.9 21.2 144.9 21.3 137.8 21.7 143.1 21.7 153.3 22.0 156.6	Moisture (%) (bu/acre) (%) 18.2 149.7 97.3 20.4 151.5 96.8 21.0 158.8 97.0 21.1 142.9 99.6 21.2 144.9 96.5 21.3 137.8 99.2 21.7 143.1 99.0 21.7 153.3 96.5 22.0 156.6 97.7

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

Brand-Hybrid	Yield ¹ (tons/acre)	Plant Moisture ² (%)	Dry Matter Yield (tons/acre)
Lfy XF4	32.7	62.1	11.4
Dekalb DKC61-24	27.9	66.2	9.8

Seedway E731	28.3	66.7	9.9
Garst 8484 Bt	28.0	67.4	9.8
Doebler's S807 Q	30.1	67.4	10.5
Seedway E695	26.3	68.0	9.2
Hytest HT7712	29.2	68.0	10.2
Doebler's 75X MD2	27.7	68.5	9.7
Garst 8362 IT	26.7	68.7	9.4
Doebler's DH22334	27.9	69.2	9.7
Seedway E774	29.8	69.4	10.4
Dekalb DK647 BtY	24.6	70.5	8.6
Hytest HT7721	23.0	72.7	8.1
Lfy XM4	22.1	73.9	7.7
MEAN	27.4	68.5	9.6
LSD (0.05)	NS	3.6	NS

¹Yields are standardized to 65% moisture.

²Plant moisture at the time of harvest.

LOCATION DETAILS

Table 5. Lecation, cooperator, planting season (Meturity Zone 3) hybrid tests.

Location (County)	Cooperator	Planting Date	Harvest Date	GDD (2001)	GDD (30-yr avg)
Berks	Kermet Schegel	May 1	October 17	2,910	2,829
Centre (silage)	Penn State	May 9	September 21	2.339	2,204
Clinton	Charles Dotterer	May 8	October 25	2,603	2,490
Dauphin (Hershey)	Milton Hershey Sohool, Ag and Env Program	April 27	October 18	2,998	2,912
Dauphin (Paxton)	Donald Martz	May 3	October 23	2,881	2,809
Lycoming	Dick Snyder	May 4	Not harvested		
Union	Joe Anchor	May 7	November 5	2,734	2,639

1. GDD data calculated by ZedX, Inc., 369 Rolling Ridge Dr., Bellefonte, PA 16823 GDD are calculated from the planting date until

Prepared by John E. Ayers¹, Gregory W Roth², Wayne R Haas², John Shaffer², and W Scott Harkcom² (¹Department of Plant Pathology, ²Department of Compand Soil Sciences)

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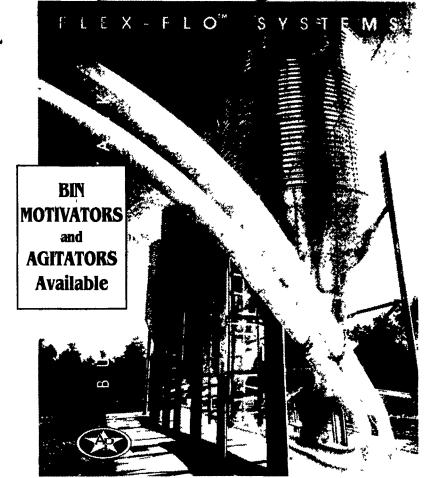


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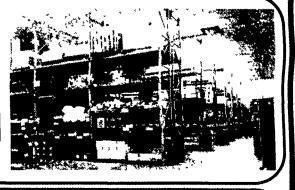
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