

Corn Silage Variety Demonstration

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Butler Dairy Maricopa County

Elevation: 900 feet

Crop History:

Planted: March 7, 1980
Harvested: July 7, 1980
Seeding Rate: 28000 seed/acre
Previous Crop: Sorghum

Fertilizer: Liquid manure applied in irrigation water

Plot size: 6.3 x 1145 feet (two 38 inch rows)

Company	Entry	Yield ^{1,2} (tons/acre)	Harvest Dry Matter (%)	Protein ^{3,4} (%)	Fiber ^{3,4} (%)	TDN ⁴ (%)	Maturity (days)	Population (plants/ acre)	TDN ⁴ (tons/ acre)
Northrup King	PX99	25.32a	27	6.68	47.06	69	140	27500	5.24
Pioneer	3222	22.04 b	30	6.23	46.60	69	129	27420	4.56
Acco Paymaster	U398W	20.41 bc	27	6.41	33.83	70	125	25920	4.29
Funks	4848	20.21 bc	27	6.97	39.16	68	135	23670	4.12
MOEWS	WM 724	19.78 bc	29	6.60	27.73	72	118	25920	4.27
Asgrow	450-A	19.65 bc	27	6.91	37.22	68	130	22330	4.00
Ferry Morse	3020	19.42 bc	28	6.72	32.18	70	114	23920	4.08
MOEWS	WM 822	18.42 c	30	6.24	36.48	69	118	23580	3.82

1/ Adjusted to a 70% moisture content

2/ Means followed by the same letter are not significantly different at .05 level by Student-Newman-Keuls' Test

3/ Figure shown is average of 2 analysis of a mixed sample from the four replications in the test (U of A Animal Science Lab).

4/ On a dry matter basis

Agri-File Field Crops 243.22 and 243.23