

Nutrient Content of Twelve Arizona Grown Corn Silage Varieties^{1/}

Lester Dawson, Maricopa County Agricultural Agent; and
David K. Parsons, Assistant Extension Specialist--Field Testing, University of Arizona

Dick Hanger Maricopa County

Elevation: 1200 feet

Crop History:

Planted: March 11, 1982

Harvested: July 7, 1982

Seeding Rate: 25000 seeds/acre

Plot Size: 6.3 X 1298 feet (two 38 inch rows)

Company	Entry	Ash (%)	Fat (%)	Protein (%)	Fiber (%)	NFE (%)	TDN (%)	Dry Matter Yield (T/A)	TDN (T/A)
Pioneer	3183	6.97	5.87	7.72	32.39	47.05	65.5	7.68	5.03
Stauffer	S 7795	7.78	4.64	7.81	30.75	49.02	65.1	6.86	4.47
Northrup King	PX95	8.60	3.56	9.00	36.16	42.68	63.4	6.96	4.41
Dairyland	DX 1020	7.15	4.64	8.19	29.91	50.11	65.6	6.65	4.36
Funks	S 4657	5.90	4.88	7.63	28.10	53.49	67.0	6.45	4.32
Pioneer	3147	7.42	3.40	7.76	33.23	48.19	65.0	6.11	3.97
Pride	8811	9.00	2.79	8.91	32.90	46.40	63.6	6.16	3.92
Paymaster	U 395	8.12	5.76	8.19	32.86	45.07	64.5	5.89	3.80
Paymaster	U398W	8.35	3.85	8.44	34.29	45.07	64.0	5.78	3.70
Taylor-Evans	BushelmakerS	9.27	2.50	8.72	35.83	43.68	63.0	5.83	3.67
DeKalb	XL72B	7.70	2.50	9.32	34.13	46.35	64.3	5.51	3.54
Asgrow	PX98	8.36	5.63	8.94	32.20	44.87	64.2	5.24	3.36

^{1/} Samples for analysis were obtained from the test demonstration detailed in the 1982 Forage and Grain Report, Series P-57. Corn Silage Demonstration. p 9.