

Irrigated Corn Silage Variety Performance Trial at Rocky Ford¹ in 2006.

Hybrid	Yield	Moisture	Plant		
			Height	Density	Silking ²
	t/ac	%	in	plants/ac	date
Dyna-Gro 58K22 (RR)	36.2	67.7	102	30492	200
Mycogen 2Q806	35.4	69.7	99	29948	202
Triumph 1866 (BT/YGCB)	35.2	64.5	100	27633	197
Mycogen 2N802 (RR)	34.2	66.8	102	29267	194
Crows 6621R (RR)	31.6	66.7	90	29585	202
NK Brand N76-M5 (Bt/LL)	30.9	64.8	88	31581	196
Triumph 1756CbRR (YGCB/RR)	30.4	70.7	90	30946	199
Mycogen 2F797	28.6	68.9	95	30220	192
Average	32.8	67.5	96	29959	198
LSD _(0.30)	3.7				

¹Trial conducted at the Arkansas Valley Research Center; seeded 4/27 and harvested 8/29.

²Julian date, 70% silking.

*Moisture corrected to 70%.

**Most entries were at the hard dough growth stage at harvest (cutting).

Site Information

Plot Size: 5' x 32' with 30" row spacing

Experimental Design: randomized complete block, 3 replications

Previous Crop: onions

Irrigation: furrow

Growing Degree Days: 2948 (2006 GDD); 2837 (Long Term Ave GDD)

Soil Type: Rocky Ford silty clay (fine-silty, mixed, calcareous, mesic Ustic Torriorthents)

Fertilization: 200 lbs of 11-52-0 acre⁻¹; 300 lbs Urea (46-0-0) acre⁻¹

Herbicide: Dual II Magnum at 1.43 ai/acre plus glyphosate at 1.0 lb ai/acre in 18 gal/a

Bactericide: none

Insecticide: none