

Corn - 1998 Crops Day Report

Hybrid Corn Hettinger

Brand	Hybrid	Genetic traits*	Relative matur. days	Harvest moist. %	Silage		Grain Yield		
					1997	1998	Test weight	1997	1998
					-----Tons/ac**-----		lbs/bu	-----bu/ac***-----	
Cargill	1877	--	80	75	3.99	2.16	56.5	79.7	37.6
Cargill	x1801	--	80	67	--	2.59	52.8	--	37.4
Cargill	HS60A	HS	108	73	--	3.39	--	--	--
Croplan	N2555	Bt	86	70	--	2.44	55.6	--	37.9
Croplan	212	--	85	67	--	2.07	54.1	--	32.4
Dekalb	385B	--	88	62	4.23	3.20	54.2	89.0	43.6
Dekalb	440	--	94	70	--	2.83	48.3	--	57.8
Dekalb	431	--	93	70	--	2.65	51.1	--	44.4
Dekalb	493	RR	99	72	--	2.73	49.0	--	28.7
Dekalb	404	SR	90	70	--	3.04	51.4	--	33.0
G. Harvest	2265	--	88	69	--	2.74	51.8	--	31.4
G. Harvest	2274	--	90	68	--	2.71	50.2	--	38.4
IS/Payco	4x85	--	85	67	--	3.12	53.0	--	40.5
Kaystar	380	--	90	72	--	2.48	47.4	--	29.6
Kaystar	330	--	85	71	--	2.46	50.1	--	33.5
Pioneer	38W36	Bt	94	72	--	2.55	53.1	--	55.7
Pioneer	38B22	Bt+Lib	92	68	--	3.00	52.1	--	45.1
Pioneer	3921	--	86	61	--	2.55	53.8	--	23.6
Pioneer	3963	--	79	65	--	2.49	57.3	--	29.1
Proseed	180	--	80	69	5.30	2.69	55.3	87.4	37.4
Proseed	185	--	85	74	5.69	2.67	48.3	82.3	38.3
Trial Mean	--	--	--	--	5.17	2.69	52.2	81.6	37.9
C.V. %	--	--	--	--	24.2	13.0	2.2	11.8	28.4
LSD .05	--	--	--	--	NS	0.58	1.9	NS	17.8
LSD .01	--	--	--	--	NS	0.77	2.5	NS	NS

Planting date: May 15, 1998

Seeding rate: 21,000 seeds/acre, thinned to 18,000 plants/acre.

Row spacing: 28"

Previous crop: Summer fallow

*Genetic traits: HS = high sugar silage, Bt = European Corn Borer resistance, RR = Roundup herbicide resistance, SR = Sethoxydim herbicide resistance, Lib = Liberty herbicide resistance.

**Silage yields are adjusted to 0% moisture.

***Grain yields are adjusted to 13.5% moisture.

NS = no statistical difference between hybrids.

Harvest date: Silage - September 9, 1998

Grain - October 27, 1998