

1984 FIELD CORN VARIETY TRIAL

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Entry	Yield (lbs./plot)				Ave. Yield (lbs)	Bu. Wt. (lbs)	Harvest moisture (%)	Plants/ acre (1000)	Yield 1/ (lbs/A)
	Rep. 1	Rep. 2	Rep. 3	Rep. 4					
Pioneer 3183	4088	4303	4167	3627	4046	56	20.4	28.0	12139 a
Pioneer 3377	3691	3921	3761	3791	3791	58	17.8	26.3	11373 ab
Pioneer 3380	3620	3678	3674	3550	3630	60	17.4	24.0	10892 bc
Funk 6000X	3341	3566	3650	3774	3583	59	19.6	24.7	10748 bc
Gutwein 2776	3794	3371	3160	3803	3532	58	20.8	25.4	10596 bc
Asgrow RX777	3375	3434	3462	3504	3444	59	20.1	25.8	10331 bcd
DeKalb T1230	3491	3589	3382	3206	3417	58	19.6	24.1	10251 cd
Funk 4673A	3527	3688	3413	2953	3395	58	19.9	28.9	10186 cd
Northrup King PX9527	3370	3392	3301	3436	3375	58	17.1	28.9	10124 cd
Asgrow RX90	3481	3194	3096	3510	3320	58	19.1	26.0	9961 cd
Taylor-Evans T.E.6995	3638	3024	3155	3342	3290	58	18.1	23.4	9869 cde
Northrup King PX74	3295	3303	3212	2755	3141	58	17.7	28.3	9424 cde
DeKalb DK747	2958	3100	3312	3061	3108	54	23.5	29.4	9324 cde
Valley VS8720	3100	2708	2894	3049	2938	57	20.0	23.0	8814 e

1/All yields have been adjusted to a 15.5% moisture content.

Elevation: 4400 feet

Crop History:

Planted: April 20, 1984

Harvested: October 8, 1984

Plot size: 24' x 605' (eight 36" rows)

Seeding Rate: 31,400 seeds/acre

Previous Crop: Corn

Herbicide: 2 quarts (3.35 lbs/acre of active ingredient) of Sutan+ applied prior to planting.

Insecticide: 7 ounces (0.13 lbs/acre of active ingredient) of Pydrin were applied 7-9-84 for control of corn ear worm and Southwestern cornborer.

Fertilizer:	Lbs/A	Lbs N/A	Lbs P ₂ O ₅ /A
11-53-0	200	22	110
NH ₃	250	208	
UN32	300	96	
	Total: 326		110

Irrigation: Thirty acre inches/acre of well water, applied through a center pivot irrigation, and supplemented by six inches of rainfall were estimated to have been received by the test plot.

^{2/} Values followed by the same letter are not significantly different at the .05 level by the Student-Newman Keul's Test.