

### Safflower Production in Southwestern North Dakota

Safflower is a crop of minor importance in southwestern North Dakota as well as statewide. Trials at the Dickinson Branch Station are conducted in cooperation with the Williston Branch Station where variety improvement has been a cooperative effort with that station and the Eastern Montana Agricultural Research Center, Sidney, Montana.

S-208, S-541, Girard, Finch and Hartman are recommended varieties for western North Dakota.

**Table 23. 1988 Dickinson Safflower Variety Trial**

Variety	Lbs./A Avg.	Test Wt. Lbs.	Percent Oil
Finch	809.0	42.5	
S-541	788.2	40.0	
Girard	746.7	40.5	
819-1-2	746.7	39.5	
S-208	746.7	39.0	
MT 3697	497.8	39.5	
Seeding Rate: 400,000 viable seeds / A			
Seeding Date: Apr. 29 Harvest Date: Sept. 23			
L.S.D. 5% = 251.2 Bu/A C.V. = 19.1 %			
Fertilizer: 50 lbs./A 18-46-0, drill			

**Table 24. Long Term Yields Safflower, Dickinson**

Variety	1985	1986	1987	1988	Average
Finch	1182	1484	958	809	1108
S-541	1223	1552	1220	788	1196
S-208	1144	1636	1002	747	1132
Girard	1087	1531	---	747	1122
Hartman	886	1088	1045	---	1006
819-1-2	---	---	---	747	---
Mt 3697	---	---	---	498	---