

2009 MT/ND SAFFLOWER VARIETY

WILLISTON RESEARCH EXTENSION CENTER

Variety	Flower	Canopy	Leaf	1000	Seeds/	Seed	Test	Seed Yield			Average Yield	
	Date	Height	Necrosis	Kwt	pound	Oil%	Weight	2007	2008	2009	2 yr	3 yr
	fr pltg	inch	0-9	gms		8%	lb/bus	----- lbs/a -----				
MT 7113	90.3	16.4	6.0	33.0	13748	35.4	36.3	869	1130	1172	1151	1057
MT 2108	90.8	18.4	4.0	36.5	12448	34.3	39.9	--	--	1232	--	--
MT 6655	91.3	16.2	3.0	32.7	13881	37.1	36.2	885	1053	1128	1091	1022
MT 3401	91.0	18.3	4.0	37.7	12042	36.9	38.2	--	1023	1209	1116	--
MT 6570	91.5	17.7	2.0	35.6	12764	39.8	37.9	--	852	1246	1049	--
HYBRID 492	87.8	19.6	4.0	51.5	8803	26.9	41.3	--	--	1243	--	--
HYBRID 9049	89.0	19.0	4.0	49.1	9247	27.2	41.2	1178	1238	1263	1250	1226
HYBRID 1601	88.8	19.3	4.0	42.7	10637	31.7	38.7	1355	1302	1809	1555	1488
MONDAK	91.0	16.9	4.0	37.1	12223	30.3	40.0	938	1068	1304	1186	1103
MT 2000	89.8	15.2	6.0	33.4	13590	33.3	37.1	957	862	918	890	912
MT 2003	91.3	16.0	6.0	28.8	15756	32.0	39.7	943	886	1128	1007	986
MT 2004	88.8	15.8	5.0	40.1	11315	32.0	38.6	895	1056	1092	1074	1014
NUTRASAFF	90.8	18.4	2.0	34.9	13014	45.4	36.8	749	834	1262	1048	948
CENTENNIAL	91.8	18.6	3.0	40.0	11351	38.5	39.0	930	998	1281	1140	1070
MORLIN	90.8	16.7	3.0	29.8	15227	35.4	38.6	789	768	1136	952	898
FINCH	90.0	17.8	3.0	36.4	12474	33.9	43.1	1080	1070	1216	1143	1122
CARDINAL	91.5	18.8	2.0	37.4	12119	32.9	42.5	1166	1279	1703	1491	1382
MEAN	90.3	17.0	4.1	36.3	12749	35.1	37.9	923.9	990.5	1185.2	1087.9	1033.2
C.V. %	1.0	8.0	--	2.8	3	1.3	1.2	8.4	9.8	8.3	9.1	8.8333
LSD 5%	1.3	1.9	--	2.1	731	0.9	1.0	109.5	137.5	138.6	138.1	128.53

Planted: April 23 on fallow.

Harvested: September 16

Seed oil % determined on an NMR machine and reported on 8.0% moisture basis.