

2011 NOTILL SAFFLOWER VARIETY

WILLISTON RESEARCH EXTENSION CENTER

Variety	Flower	Seed	Seed	Test	----- Seed Yield -----						
	Date				Height	Oil%	Oil%	Weight	2009	2010	2011
	dap	inch	OD	8%	lb/bu						
							----- lb/ac -----				
Cardinal	80.3	26.5	36.0	34.1	45.7	1832	1333	1493	1413	1553	
Centennial	81.7	26.9	42.9	40.7	42.1	1741	920	975	947	1212	
Finch	80.0	26.1	36.7	34.8	46.6	1494	1270	1348	1309	1371	
Hybrid 1601	78.3	27.8	36.9	35.0	42.6	2061	1525	1855	1690	1814	
Hybrid 9049	79.0	24.8	30.9	29.3	45.3	1744	1454	1419	1436	1539	
Mondak	81.0	24.7	35.8	34.0	44.9	1825	1264	1434	1349	1508	
Morlin	80.3	22.7	38.1	36.1	42.2	--	--	992	--	--	
MT 2000	79.7	21.3	37.3	35.4	43.3	1659	1062	1215	1139	1312	
MT 2003	80.7	21.8	37.3	35.4	43.2	1793	1134	1307	1220	1411	
MT 2004	77.7	22.7	34.6	32.9	43.1	1218	1073	1215	1144	1169	
Nutrasaff	78.7	26.8	47.4	44.9	39.5	1383	943	996	970	1107	
S-541	79.7	26.0	42.0	39.8	42.5	1569	1050	1230	1140	1283	
00B 1587-6	81.7	27.7	39.0	37.0	42.0	--	1093	804	948	--	
00B 1589-7	82.3	25.7	41.9	39.7	42.4	--	1214	626	920	--	
00B 1597-2	81.3	25.6	36.0	34.2	45.2	--	1177	1063	1120	--	
00B 1597-3	81.3	25.3	38.8	36.8	43.6	--	1408	1271	1340	--	
03B 8069	80.3	24.8	37.4	35.5	44.3	--	1308	1355	1331	--	
05B 3381	81.0	27.3	39.6	37.5	42.6	--	994	949	971	--	
07B 6574-23	81.3	24.9	37.0	35.1	43.1	--	--	1290	--	--	
08B 6050	79.0	25.5	43.9	41.6	39.6	--	1119	1023	1071	--	
MEAN	80.3	25.3	38.5	36.5	43.2	1630	1122	1193	--	--	
C.V. %	1.2	5.8	0.9	0.9	0.7	8	11	13.4	--	--	
LSD 5%	1.6	2.4	0.7	0.7	0.6	209	200	263.6	--	--	

Planted: May 6 into directly into durum crop residue from 2010.

Harvested: September 16

Seed oil % determined on an NMR machine and reported on 8.0% moisture basis and on an oven dry (OD) basis.