

Safflower Variety Descriptions

Variety	Origin	PVP	Hull Type	Oil Type	Irrigated Yield	Dryland Yield	Test Weight	Oil	Reaction to Disease		
									Maturity	Alt.	BB
Centennial	MT/ND	yes	STP	L	m.good	good	M	v.good	ML	MT	MT
Finch	MT/ND	no	N	L	good	v.good	VH	fair	ME	MS	T
S-208	ST	no	N	L	fair	good	M	good	ME	S	VS
S-541	ST	no	STP	L	fair	v.good	MH	v.good	ML	MS	MS
Morlin	MT/ND	yes	STP	HL	v.good	good	M	good	ML	T	T
S-317	ST	yes	STP	O	m.good	good	M	good	M	MS	S
S-518	ST	yes	STP	O	fair	v.good	M	good	ML	MS	S
Montola 2000	MT/ND	yes	N	HO	m.good	good	M	good	E	MS	MS
Montola 2001	MT/ND	yes	STP	HO	v.good	fair	M	good	M	MT	MT
Montola 2003	MT/ND	yes	N	HO	v.good	v.good	MH	good	ME	MT	MT
Montola 2004	MT/ND	yes	N	HO	good	good	MH	good	ME	MS	MT

Origin: ST=seedtec international

PVP="yes" indicates the variety is protected and the seed may be sold for planting purposes only as a class of certified seed (Title V Option)

Hull Type: STP=striped, N=normal or white

Oil Type: L=linoleic, HL=high linoleic, O=oleic, HO=high oleic

Relative ratings of Yield, Test Weight, and Oil will vary under conditions of moderate-severe disease infestation

Test Weight: M=medium, MH=medium high, VH=very high

Maturity: E=early, ME=medium early, M=medium, ML=medium late

Reaction to Disease: Alt=alternaria leaf spot disease, BB=bacterial blight, S=susceptible, MS=moderately susceptible, T=tolerant, MT=moderately tolerant

North Central Research Extension Center—Minot Safflower Variety Trial

Variety	Days to Flower	Plant Height	Seed Weight	Test Weight	Seed Yield				
					2003	2004	2005	2	3
					-----bu/A-----				
S-518	104	26	33.5	31.3	4186	1235	2963	2099	2795
S-541	105	29	33.8	33.2	4084	1330	2677	2004	2697
Finch	102	29	28.2	38.4	3562	949	2885	1917	2465
Montola 2000	103	22	35.5	33.8	2969	842	2660	1751	2157
Montola 2003	105	27	32.3	35.8	3712	2129	2932	2531	2924
Montola 2004	100	24	36.7	34.0	3446	1510	2378	1944	2445
Nutrasaff	105	28	29.3	32.4	--	1238	1757	1497	--
LSD 5%	2	4	3.84	NS	384	341	NS	--	--
C.V.%	1.1	8.2	5.4	6.4	7.3	16.8	29.4	--	--
Mean	104	26	32.63	34.5	3650	1406	2610	--	--

DAP=Days after planting

Note: High CV percentage for yield. Because of the magnitude of environmental influences, it is recommended that multiple year data (if available) and data from various variety trial locations be reviewed