

Safflower Golden Valley Dryland Variety Trial - NDSU

Golden Valley County, ND 2018

Variety	Oil Type ¹	Oil ²	Test Weight	Yield
		(%)	(lb/bu)	(lb/a)
Cardinal	LL	36.5	45.2	1232.5
Finch	LL	36.9	44.8	989.4
Hybrid 300	LO	33.6	44.4	1283.9
Hybrid 200	LO	32.2	44.5	1122.9
Hybrid 446	LO	31.9	45.0	1193.7
Hybrid 1601	LO	36.4	42.2	1859.9
STI 1401	HO	45.8	35.1	1124.8
MonDak	LO	36.2	41.8	1057.8
Montola 2003	LO	38.7	40.6	1229.2
NutraSaff	HL	46.5	37.7	1108.8
Mean		37.5	42.1	1220.3
CV		1.5	0.8	6.7
LSD 5%		1.0	0.6	139.5
LSD 10%		0.8	0.5	115.1

Location: Beach, ND; Latitude 46° 50' N; Longitude 103° 59' W; Elevation 2890 ft.

Soil type: Grail-Grassna complex.

Planted: 06/01/2018.

Harvested: 10/02/2018.

¹Oil Type: LL=Low Linoleic; LO=Low Oleic; HO= High Oleic; HL= High Linoleic.²Oil contents are reported on an oven-dried basis, 120 °F for 4 hours.