

Off-Station Safflower Variety Trial

WREC, Golden Valley County, ND 2016

Variety	Oil		Test Weight	Yield	
	2016	2-Yr Avg		2016	2-Yr Avg
	----%----		lb/bu	(lb/a)	(lb/a)
NutraSaff	47.8	48.4	36.9	2259	1645
Finch	36.7	36.9	43.6	2719	2044
Hybrid 200	31.8	32.7	42.2	2226	2050
MonDak	34.2	35.0	42.6	3190	2149
Cardinal	35.5	36.1	43.3	2864	2237
Montola 2003	35.9	37.0	42.0	3089	2341
Hybrid 446	29.7	31.8	43.3	2902	2423
Hybrid 1601	35.1	36.0	39.5	3188	2791
Hybrid 300	31.2	-	43.6	2966	-
STI 1401	45.7	-	34.0	1845	-
Mean	36.36	-	41.11	2725.00	-
CV (%)	2.3	-	1.8	11.3	-
LSD (5%)	1.45	-	1.29	529.18	-
LSD (10%)	1.2	-	1.06	436.78	-

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

Planting Date: 5/17/2016

Harvested: 10/10/2016

Harvested area: 49.2 ft²

Previous crop: Spring Wheat

Soil type: Williams-Belfield-Grail

Soil test (0-6"): P=7 ppm; K=202 ppm; pH=7.9; OM=2.5%

(0-24"): NO₃-N= 35 lb/a

Applied fertilizer in lb/a: 40.1 N : 34 P₂O₅ : 0 K₂O : 8.5 S

Chemical Applications: Mad Dog 5.4# at 44fl.oz/a with Prowl H₂O at 48fl.oz/a (preplant spring applied)