

Off-Station Safflower Variety Trial

WREC, McKenzie County, ND 2016

Variety	Oil			Test Weight	Yield		
	2016	2-Yr Avg	3-Yr Avg		2016	2-Yr Avg	3-Yr Avg
	----%----			lb/bu	(lb/a)	(lb/a)	(lb/a)
NutraSaff	46.0	47.5	46.0	33.9	1446	1211	1051
Finch	36.5	37.1	34.8	40.3	1464	1334	1215
MonDak	35.9	35.2	33.1	41.0	1529	1378	1289
Montola 2003	36.1	36.4	34.3	39.6	1437	1411	1323
Hybrid 446	31.2	31.9	31.9	42.3	1712	1434	1434
Hybrid 1601	36.5	35.9	35.4	40.2	1860	1846	1474
Cardinal	35.7	36.6	33.8	40.8	1597	1503	1505
Hybrid 200	32.6	32.1	-	39.9	1191	1244	-
Hybrid 300	33.2	-	-	42.1	1817	-	-
STI 1401	47.0	-	-	34.7	1609	-	-
Mean	37.06	-	-	39.49	1566.21	-	-
CV (%)	2.7	-	-	1.7	14.2	-	-
LSD (5%)	1.71	-	-	1.18	382.71	-	-
LSD (10%)	1.4	-	-	0.97	315.88	-	-

Location: Arnegard, ND; Latitude 47° 47'N; Longitude 103° 25'W; Elevation 2250 ft

Planting Date: 5/9/2016

Harvest Date: 10/10/2016

Harvested area: 49.2 ft²

Previous Crop: Lentil

Soil type: Williams-Belfield-Grail

Soil test (0-6"): P=7 ppm; K=235 ppm; pH=6.5; OM=2.2%

(0-24"): NO₃-N= 4lb/aApplied fertilizer in lb/a: 71 N : 22 P₂O₅ : 0 K₂O : 5.5 S

Chemical Applications: Harmony GT at 0.4fl.oz/a with Clethodim 2E at 8fl.oz/a (6/24/2016)