

Safflower Irrigated Variety Trial

MSU-EARC Sidney MT 2020

Variety	Oil (%)	Test weight (lb/bu)	Yield		
			2020 (lb/a)	2019 (lb/a)	2-Yr Avg (lb/a)
Hybrid 300	37.4	43.2	3391	3135	3263
Hybrid 200	36.6	42.8	3769	2521	3145
MonDak	40.4	40.5	3274	3011	3142
Montola 2003	41.4	40.8	3024	3193	3108
Hybrid 446	35.4	43.0	3533	2360	2947
Chickadee	42.8	43.2	3227	2652	2939
Hybrid 1601	44.0	36.5	2903	2363	2633
STI 1201	48.4	40.0	3041	2204	2623
STI 1401	52.8	36.3	2927	2187	2557
Hybrid 621	46.7	33.9	2849	1981	2415
Morlin	45.8	39.7	2634	2115	2375
Rubis Red	38.2	45.4	2256	2442	2349
Montola 2000	42.7	39.3	2548	2100	2324
Hybrid 528	46.9	36.9	2555	1973	2264
NutraSaff	54.0	38.4	2671	1799	2235
Cardinal	43.7	41.7	2086	1710	1898
Finch	44.1	40.8	2149	1365	1757
Montola 2001	42.1	37.6	1750	1707	1729
Mean	43.8	39.8	2792	-	-
CV (%)	1.0	1.8	17.1	-	-
LSD (5%)	0.7	1.2	788.0	-	-
LSD (10%)	0.6	1.0	656.2	-	-

Location: Sidney, MT

Previous Crop: Wheat

Planted: 05/08/2020

Harvested: 09/15/2020

Applied fertilizers

60 lb/A at planting

Soil type: Williams Clay Loan

Applied fungicides:

Quadris @ 16 oz/A at 10% flowering

Applied herbicides:

04/09/2020- Sonalan @ 3 pts/A & Eptam @ 3 pts/A

Irrigation:

5/14/2020 0.55"

5/20/2020 1.00"

6/3/2020 1.04"

6/11/2020 1.04"