

**North Central Research Extension Center—Minot
Sunflower Hybrid Variety Trial—Fatty Acid Composition**

Company	Variety	Oil Type	Herb Type	Palmitic	Steric	Oleic	Linoleic
Pioneer	64H41	HO	C	3.6	4.0	81.1	9.2
Pioneer	X64H45	HO	C	3.3	3.9	87.9	2.6
DeKalb	DKF35-10	N	C	3.8	4.7	83.5	6.0
DeKalb	DKF33-33	N	C	4.5	5.3	61.0	26.8
DeKalb	DKF30-33	N	C	4.5	5.1	61.5	26.8
DeKalb	MH4331B	N	C	4.4	5.1	71.8	16.3
DeKalb	MH4435	N	C	4.7	5.4	72.1	15.5
DeKalb	MH4436	N	C	4.4	5.4	65.2	20.6
Nidera, S.A.	FN693	N	--	4.3	3.2	61.2	29.4
Triumph Seed	TRX3241	N	C	4.8	3.8	58.7	30.6
Triumph Seed	TRX3249	N	C	5.5	4.5	51.4	36.7
Triumph Seed	TRX4240	N	C	5.3	4.3	54.8	33.8
Triumph Seed	820HO	HO	C	3.6	4.0	85.1	5.1
Triumph Seed	620CL	N	CL	6.1	5.5	56.3	29.1
Triumph Seed	5672	N	C	5.3	3.8	57.2	31.8
Croplan Genetics	343DMRHO	HO	C	3.7	4.4	83.2	6.4
Croplan Genetics	378DMRHO	HO	C	4.0	4.0	87.6	2.1
Proseed	CL-42	N	CL	4.0	3.2	85.9	4.6
Proseed	CL-43	N	CL	3.8	2.9	86.4	4.8
Interstate Seed	HyOleic 120	HO	C	3.9	3.5	85.4	4.8
Interstate Seed	F10046	HO	C	3.5	4.9	84.5	4.9
Interstate Seed	F10003	N	C	5.4	6.3	38.4	48.0
Interstate Seed	F10016	N	C	4.5	6.3	62.5	24.7
Mean	--	--	--	4.4	4.5	71.1	17.8

Type: N=NuSun, HO=High Oleic, CL=Clearfield