

SEEDS 2000 Sunflower

SEEDS 2000 2005 Oilseed Sunflower Head-to-Head Comparisons Selected Hybrids

NDSU Research Extension Center Carrington, ND

Company	Hybrid	Test Wt	Oil %	Yield
Pioneer	63M80	32.4	43.1	2544
SEEDS 2000	Sierra	30.0	40.1	2377
Pioneer	64H41	34.3	39.5	2374
SEEDS 2000	Barracuda	33.7	43.7	2340
Croplan	3080DMR, NS	31.2	44.2	2282
SEEDS 2000	Blazer	33.5	43.7	2234
SEEDS 2000	Defender Plus	32.9	40.1	2229
SEEDS 2000	Colonel	29.4	40.5	2212
Croplan	308NS	32.9	45.6	2146
Croplan	378DMR, HO	31.4	41.8	2122
SEEDS 2000	Viper	31.8	41.6	2098
Mycogen	270	33.4	40.1	2047
Croplan	343DMR, HO	32.9	38.3	1822
SEEDS 2000	Defender HO	32.9	37.5	1803
Triumph	820HO	34.6	44.2	1613

NDSU Oilseed Sunflower Hybrid Trials Casselton, ND

Company	Hybrid	Test Wt	Oil %	Yield
SEEDS 2000	Sierra	28.5	45.2	3404
SEEDS 2000	Blazer	30.5	47.8	3250
SEEDS 2000	Colonel	28.7	42.9	3220
SEEDS 2000	Barracuda	34.5	45.5	3174
Pioneer	63M80	33.6	47.8	3163
Croplan	3080DMR	30.7	47.6	2958
Mycogen	8N270	34.3	42.5	2747
Mycogen	270	34.5	42.3	2681

SDSU 3 Location Averages

Company	Hybrid	Test Wt	Oil %	Yield
SEEDS 2000	Sierra	27.6	39.7	2647
Triumph	645	28.1	40.8	2623
SEEDS 2000	Blazer	29.1	40.5	2522
Mycogen	SF187	29.4	40.2	2460
Triumph	s672	29.1	41.4	2389
Croplan	378DMR,HO	27.8	39.4	2353
Pioneer	63M80	28.9	41.1	2317
Pioneer	63M91	29.9	40.1	2182
SEEDS 2000	Barracuda	29.2	39.7	2157
Pioneer	64H45	30.1	41.0	2046

NDSU NuSun Sunflowers Langdon, ND

Company	Hybrid	Test Wt	Moist %	Yield
Pioneer	63M80	32.9	12.9	3439
SEEDS 2000	Defender Plus	32.6	13.2	3244
SEEDS 2000	Colonel	26.8	14.1	2747
Mycogen	8N270	32.3	13.1	2542
Croplan	3080 DMR	30.1	18.1	2531
SEEDS 2000	Viper	30.4	14.2	2394
Mycogen	8N251	30.8	13.9	2143

NDSU High Oleic Sunflowers Langdon, ND

Company	Hybrid	Test Wt	Moist %	Yield
Pioneer	64H45	34.0	15.1	2643
Croplan	343 DMR,HO	33.6	20.5	2559
SEEDS 2000	Defender HO	31.3	15.0	2520
Mycogen	8H288DM	32.4	15.0	2284
Mycogen	8H350	28.2	15.6	2057
Triumph	820HO	31.5	15.8	2008

Oilseed Sunflower Hybrid Trial Miller, SD

Company	Hybrid	Test Wt	Oil %	Yield
SEEDS 2000	Blazer	29.3	40.3	3194
Pioneer	63M80	28.5	40.8	3087
SEEDS 2000	Barracuda	29.6	40.3	3050
Croplan	3080DMR	28.4	40.3	2968
SEEDS 2000	Sierra	27.8	39.6	2932
Triumph	645	28.3	40.7	2888
Mycogen	SF187	29.6	40.5	2851
Triumph	s672	29.0	41.2	2790
Croplan	378DMR,HO	27.8	39.7	2748

Oilseed Sunflower Hybrid Trial Ipswich, SD

Company	Hybrid	Test Wt	Oil %	Yield
Triumph	s675	28.6	41.9	3606
SEEDS 2000	Blazer	29.8	41.6	3334
Mycogen	SF187	30.2	41.2	3306
Triumph	s672	29.2	43.5	3134
SEEDS 2000	Sierra	26.7	40.4	3087
Croplan	378DMR,HO	28.6	40.2	2646
Pioneer	63M80	31.0	41.5	2426
Pioneer	63M91	31.3	40.7	2348
SEEDS 2000	Barracuda	28.7	41.4	2203

Oilseed Sunflower Hybrid Trial Onida, SD

Company	Hybrid	Test Wt	Oil %	Yield
Croplan	378DMRHO	28.4	39.2	2154
Triumph	s675	28.0	42.5	2141
SEEDS 2000	Sierra	27.8	39.5	2112
SEEDS 2000	Blazer	29.5	40.8	1996
Croplan	340HO	28.7	40.1	1856
Triumph	660CL	28.8	40.0	1850
Pioneer	63M80	28.9	41.2	1826
SEEDS 2000	Barracuda	29.8	40.2	1823
Croplan	343HO	31.1	40.2	1797
Mycogen	SF187	29.2	40.0	1763

Oilseed Sunflower Hybrid Trial Reliance, SD

Company	Hybrid	Test Wt	Oil %	Yield
Seeds2000	Sierra	28.1	39.1	2455
Triumph	645	27.0	39.4	2390
Pioneer	63M80	27.3	40.9	1928
Mycogen	SF187	28.5	38.9	1920
Croplan	378DMR,HO	26.2	38.5	1863
Triumph	s672	28.0	40.1	1836
Seeds2000	Blazer	27.9	39.1	1565
Seeds2000	Barracuda	28.5	37.0	1553
Pioneer	63M91	29.2	38.6	1481

Greeley, CO Oil Trials Irrigated

Company	Hybrid	Test Wt	Moist %	Yield
SEEDS 2000	Blazer	25.1	6.6	2428
Triumph	s675	28.6	7.2	2411
Croplan	378DMR,HO	27.5	6.8	2212
SEEDS 2000	Sierra	22.7	6.4	2182
Pioneer	63M80	25.1	6.6	2067
Triumph	660CL	24.1	6.9	1886
Croplan	340HO	22.5	7.0	1841
SEEDS 2000	Barracuda	26.9	6.9	1735

Irrigated Sunflower Trial Cheyenne Co., NE

Company	Hybrid	Test Wt	Oil %	Yield
Triumph	s672	26.2	39.0	2650
Pioneer	63M91	27.2	38.8	2620
SEEDS 200	Blazer	26.9	38.7	2610
SEEDS 200	Sierra	22.7	35.1	2450
SEEDS 200	Barracuda	27.7	39.0	2440
Pioneer	63M80	26.9	38.6	2440
Triumph	660CL	23.1	35.5	2330
Croplan	378 DMR,HO	24.0	34.3	2030

Greeley, CO Oil Trial Dryland Plot

Company	Hybrid	Test Wt	Oil %	Yield
SEEDS 2000	Sierra	27.4	39.0	2812
SEEDS 2000	Blazer	29.6	41.8	2640
Triumph	s672	31.5	43.6	2439
SEEDS 2000	Barracuda	32.0	42.4	2431
Triumph	660CL	29.2	40.2	2389
Triumph	620CL	30.4	41.4	2096
Croplan	343DMR,HO	30.3	37.8	2036
Croplan	378DMR,HO	28.7	40.2	2029
Pioneer	63M80	29.2	41.9	1778

Brad Owens Euclid, MN

Company	Hybrid	Test Wt	Oil %	Yield
SEEDS 2000	Defender	30.5	46.3	1998
SEEDS 2000	Defender Plus	30.0	44.1	1757
SEEDS 2000	Defender HO	30.5	42.1	1716
SEEDS 2000	Viper	29.0	44.1	1670
SEEDS 2000	Colonel	28.0	44.7	1625
Pioneer	63M80	31.0	50.4	1577

Sherman County Oilseed Sunflower Trial Dryland Plot

Company	Hybrid	Test Wt	Oil %	Yield
Triumph	660CL	19.5	35.3	1558
Pioneer	63M91	21.6	37.2	1521
SEEDS 2000	Barracuda	21.1	35.8	1392
Pioneer	63M80	14.8	36.5	1391
Triumph	620CL	19.8	36.2	1275

SEEDS 2000 Research Trial Onida, SD

Company	Hybrid	Oil %	Moist %	Yield
SEEDS 2000	Blazer	51.0	16.7	3052
SEEDS 2000	Barracuda	47.6	21.1	2826
SEEDS 2000	Sierra	47.5	18.1	2437
SEEDS 2000	Charger	44.6	13.1	2316
Pioneer	63M80	52.7	13.4	2291
Mycogen	270	47.5	16.5	1637

Kansas State University Sunflower Trials Thomas County Dryland Plot

Company	Hybrid	Test Wt	Oil %	Yield
Croplan	343DMR,HO	25.8	40.1	3003
Triumph	660CL	23.7	40.9	2914
Triumph	s675	27.4	45.2	2873
Croplan	3080DMR	25.8	46.0	2865
SEEDS 2000	Barracuda	28.0	43.7	2863
Pioneer	63M80	25.2	44.5	2842
SEEDS 2000	Sierra	21.7	39.1	2515
SEEDS 2000	Blazer	25.3	43.8	2497
Croplan	340HO	23.5	41.1	2470

SEEDS 2000 Research Trial St. Lawrence, SD

Company	Hybrid	Oil %	Moist %	Yield
SEEDS 2000	Blazer	48.9	6.9	2282
SEEDS 2000	Sierra	46.6	7.3	2204
Pioneer	63M80	49.0	6.7	2086
Mycogen	8N429CL	44.6	7.0	2019
SEEDS 2000	Barracuda	46.8	7.0	2006
SEEDS 2000	Charger	45.1	6.7	1727
Mycogen	270	44.8	7.3	1056

Colorado State University Idalia Sunflower Trial Irrigated

Company	Hybrid	Test Wt	Moist %	Yield
SEEDS 2000	Blazer	31.8	7.8	3353
Pioneer	63M80	31.6	7.7	2808
SEEDS 2000	Sierra	27.5	11.0	2800
Croplan	378DMR HO	28.4	11.3	2715
Pioneer	63M91	30.6	9.7	2601
Triumph	675	31.2	7.8	2594
Triumph	660CL	29.0	9.8	2561
SEEDS 2000	Barracuda	31.4	11.5	2473
Triumph	620CL	28.6	9.7	2328

SEEDS 2000 Research Trial St. Lawrence, SD

Company	Hybrid	Oil %	Moist %	Yield
Croplan	3080	50.8	6.2	2276
SEEDS 2000	Viper	48.0	6.3	2009
Mycogen	270	46.6	6.4	1494
SEEDS 2000	Defender Plus	45.9	6.3	1376
SEEDS 2000	Defender	45.1	6.3	1292
SEEDS 2000	Defender HO	44.5	6.4	1123

SEEDS 2000 Research Trials Carrington, ND

Company	Hybrid	Oil %	Moist %	Yield
SEEDS 2000	Barracuda	51.0	8.3	3194
Pioneer	63M80	51.9	8.2	2990
SEEDS 2000	Sierra	48.6	8.3	2913
SEEDS 2000	Blazer	50.9	9.0	2845
SEEDS 2000	Charger	47.3	8.3	2587
Mycogen	8N429	46.9	9.0	2566
Mycogen	270	49.0	7.2	2370

SEEDS 2000 Research Trials Carrington, ND

Company	Hybrid	Oil %	Moist %	Yield
Croplan	3080	51.2	6.1	2949
SEEDS 2000	Defender	48.2	6.1	2938
SEEDS 2000	Defender Plus	47.2	6.4	2796
Mycogen	8N429	45.5	6.0	2796
Mycogen	270	47.3	6.1	2722
SEEDS 2000	Viper	46.8	6.3	2285
SEEDS 2000	Defender HO	46.9	6.4	2175

SEEDS 2000 Oilseed Research Trials Carrington, ND

Company	Hybrid	Oil %	Moist %	Yield
SEEDS 2000	Sierra	49.2	10.9	3062
Pioneer	64H41	50.9	9.7	3009
Mycogen	7350	53.4	8.5	2921
SEEDS 2000	Blazer	53.1	10.0	2713
SEEDS 2000	Defender HO	47.2	9.0	2684

SEEDS 2000 Clearfield Sunflower Trials Carrington, ND

Company	Hybrid	Oil %	Moist %	Yield
SEEDS 2000	Barracuda	51.6	10.5	2861
Dekalb	DKF38-80CL	44.8	8.6	2380
SEEDS 2000	Viper	48.8	8.5	2366
SEEDS 2000	Charger	47.1	8.8	2324
Mycogen	8N429CL	46.1	9.1	2139

SEEDS 2000 Oil Sunflower Research Trials Galchutt, ND

Company	Hybrid	Oil %	Moist %	Yield
SEEDS 2000	Sierra	50.4	12.8	3806
SEEDS 2000	Barracuda	51.2	9.6	3589
SEEDS 2000	Blazer	51.6	9.2	3572
Pioneer	63M80	51.5	8.9	3420
Mycogen	8N429	45.9	9.0	2789
SEEDS 2000	Charger	45.0	10.0	2643
Mycogen	270	47.6	8.7	2144

SEEDS 2000 Oil Sunflower Research Trials Galchutt, ND

Company	Hybrid	Oil %	Moist %	Yield
SEEDS 2000	Defender	51.0	8.4	3339
Croplan	3080	43.4	9.8	3099
SEEDS 2000	Defender Plus	49.0	7.7	3040
SEEDS 2000	Defender HO	47.5	8.8	2886
SEEDS 2000	Viper	48.8	8.8	2688
Mycogen	8N429	45.9	10.4	2414
Mycogen	270	46.8	8.3	2341

Deland Bakke New Folden, MN

Company	Hybrid	Test Wt	Moist %	Yield
Pioneer	63M80	30.0	14.5	2382.6
Pioneer	64H41	31.0	14.5	2215.4
SEEDS 2000	Defender	29.5	12.8	2088.9
Pioneer	64H45	28.5	15.5	1776.4
Pioneer	63M28	27.5	13.1	1699.4