

2008 Camelina Variety Trial Akron CO under Limited Irrigation Conditions

Source*	Variety	Yield** lbs/ac
Blue Sun	BSX G43	1382
GPO	Bear Paw	1350
Blue Sun	Cheyenne	1227
MSU	Calina	1190
Blue Sun	BSX B01	1165
Blue Sun	BSX G24	1154
Blue Sun	BSX G22	1145
MSU	MT1	1144
Blue Sun	BSX G02	1134
Blue Sun	BSX G21	1116
MSU	Ligena	1092
GPO	Yellow Stone	1086
MSU	MT5	1085
Blue Sun	BSX G51	1028
Blue Sun	BSX G72	991
MSU	Celine	942
Blue Sun	BSX G37	853
MSU	Jungle Gold	576
Trial Average		1092
LSD_(0.05)		413
CV (%)		24

*GPO is Great Plains Oil Company

MSU: Montana State University

Blue Sun Biodiesel Inc.

**Yield Converted to 8.5% moisture

Comments:

Residual herbicide from the previous year affected some plots in the trial

Variety was significant for yield

The same trial under no-till dryland conditions failed due to low emergence caused by wind erosion deposits of Test Weight and Moisture were very homogeneous and only the average are reported

Site Information

Plot Size: 5' x 15'

Seeding Rate: 8 lbs/ac

Planting date: 04/12/2008

Previous Crop: wheat

Fertilizer: 50-0-0

Flowering date: 06/06/2008

Harvest Date: 07/24/2008

Total Irrigation: 5 inches

Total Precipitation: 6.8 inches

30 years average: 9 inches

Average TWT: 49.5 lb/bu

Moisture: 5.1%

soil in the seeding row.