

Clearfield Canola Dryland Variety Trial - NDSU

WREC, Williston, ND 2020

| Variety | Company/Brand | Flower Duration (days) | Days to Maturity (DAP) | Plant height (in) | Oil (%) | Test weight (lb/bu) | Yield (lb/a) | Yield 2-Yr Avg (lb/a) |
|-----------|-------------------|------------------------|------------------------|-------------------|---------|---------------------|--------------|-----------------------|
| CS2500 CL | Meridian/Canterra | 28 | 95 | 29 | 41.9 | 48.3 | 1086 | 1255 |
| CS2700 CL | Meridian/Canterra | 27 | 95 | 31 | 43.7 | 49.6 | 969 | - |
| Mean | | 27 | 95 | 29 | 42.5 | 48.8 | 1013 | - |
| CV (%) | | 5.9 | 0.9 | 7.1 | 1.1 | 4.2 | 11.8 | - |
| LSD (5%) | | 1.7 | 0.9 | 2.2 | 0.5 | 2.2 | 127.7 | - |
| LSD (10%) | | 1.4 | 0.7 | 1.8 | 0.4 | 1.8 | 104.9 | - |

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft.

Previous crop: soybeans

Planted: 05/13/2020

Harvested: 08/20/2020

Soil test to 6" in ppm: P = 20; K = 285; OM = 2.0; pH = 6.4

Soil type: Williams-Bowbells loam.

Soil test to 24" in lb/a: N = 17 lbs/a

Applied fertilizers N=90; P=20; K=0; S=24

¹DAP = Days after planting.

Herbicide Application: PowerMax @ 32 oz/a (5/18/20); Beyond @ 4 oz/a (6/15/20)