

2021 Montana State University Spring Canola Variety Trial grown under dryland conditions at Moccasin, MT.

| Cultivar    | COUNT<br>(ft <sup>2</sup> ) | FLWR<br>(DOY) | HT<br>(in) | LDGE<br>----- (%) ----- | SHTTR<br>----- | YLD<br>(bu/ac) | <sup>1</sup> TWT<br>(lb/bu) | <sup>1</sup> OIL<br>(%) |
|-------------|-----------------------------|---------------|------------|-------------------------|----------------|----------------|-----------------------------|-------------------------|
| BY 5125CL   | 4.0                         | 175.5         | 26.0       | 0.0                     | <b>55</b>      | 2.0            | 47.5                        | 49.1                    |
| BY 6211TF   | <b>6.0</b>                  | 174.3         | 28.7       | 0.0                     | <b>45</b>      | <u>4.0</u>     | 51.8                        | 46.9                    |
| CP7130LL    | <b>4.7</b>                  | 174.8         | 27.8       | 0.0                     | <b>30</b>      | 2.2            | 51.1                        | 46.9                    |
| CP7144LL    | <b>5.0</b>                  | 176.0         | 28.2       | 0.0                     | <u>20</u>      | <b>3.6</b>     | 49.3                        | 46.7                    |
| CP930RR     | <b>5.1</b>                  | <b>173.5</b>  | 26.8       | 0.0                     | <b>25</b>      | <b>2.6</b>     | 50.7                        | 49.8                    |
| CP9919RR    | <b>5.0</b>                  | <b>173.5</b>  | 26.2       | 0.0                     | <b>55</b>      | <b>2.6</b>     | 49.2                        | 46.9                    |
| CP9978TF    | <b>4.8</b>                  | <b>173.8</b>  | 27.8       | 0.0                     | <b>30</b>      | <b>3.0</b>     | 51.4                        | 46.6                    |
| CS2500 CL   | <b>5.2</b>                  | 174.8         | 28.2       | 0.0                     | <b>25</b>      | 1.7            | -                           | 46.5                    |
| CS2600 CR-T | <b>5.7</b>                  | 175.0         | 26.3       | 0.0                     | <b>25</b>      | <b>2.7</b>     | 50.7                        | 50.2                    |
| CS2700 CL   | <b>5.5</b>                  | 176.0         | 27.4       | 0.0                     | <b>55</b>      | 2.1            | 48.8                        | 49.8                    |
| CS4000 LL   | 4.3                         | 175.0         | 28.2       | 0.0                     | <b>30</b>      | <b>3.6</b>     | 51.8                        | 48.3                    |
| DG 200CL    | <b>5.9</b>                  | 175.8         | 26.4       | 0.0                     | <b>40</b>      | <b>3.7</b>     | 50.6                        | 46                      |
| DG 760TM    | <b>4.8</b>                  | 174.3         | 28.4       | 0.0                     | 70             | <b>3.1</b>     | 51.5                        | 47.4                    |
| DG 761TM    | <u>6.7</u>                  | 175.0         | 26.0       | 0.0                     | <b>50</b>      | <b>3.1</b>     | 51                          | 47.2                    |
| DKTF91SC    | <b>5.6</b>                  | 174.5         | 25.8       | 0.0                     | <b>40</b>      | <b>2.5</b>     | 49.7                        | 48.5                    |
| DKTFLL21SC  | <b>6.5</b>                  | <b>173.8</b>  | 26.8       | 0.0                     | <b>40</b>      | <b>2.7</b>     | 51.1                        | 47.8                    |
| NC401 TF    | <b>5.6</b>                  | 174.8         | 26.7       | 0.0                     | <b>30</b>      | <b>2.8</b>     | 52.2                        | 46.3                    |
| NC471 TF    | <u>6.7</u>                  | 175.0         | 27.4       | 0.0                     | <b>25</b>      | <b>2.5</b>     | 49.9                        | 49                      |
| NC527CR TF  | 4.0                         | 174.0         | 27.3       | 0.0                     | 75             | 2.2            | 50.5                        | 50.5                    |
| NCC101S     | <b>6.5</b>                  | <u>172.5</u>  | 26.5       | 0.0                     | <b>35</b>      | <b>2.9</b>     | 52.1                        | 42.3                    |
| X19D94214   | <b>6.0</b>                  | 174.8         | 27.4       | 0.0                     | <b>40</b>      | <b>2.3</b>     | 50.2                        | 49.5                    |
| Mean        | 5.4                         | 174.6         | 27.1       | 0.0                     | 40             | 2.8            | 50.6                        | 47.7                    |
| CV%         | 15.7                        | 0.3           | 5.4        | -                       | 40             | 23.5           | -                           | -                       |
| P-Value     | 0.000                       | 0.000         | 0.135      | -                       | 0.000          | 0.000          | -                           | -                       |

**Underline** = top performer within a column

**Bold** = equivalent to top performer by Tukey pairwise comparisons (p > 0.05)

<sup>1</sup>Insufficient seed from individual plots. Seed from multiple plots was combined to take a single reading.