

2024 Washington State University Small Plot Spring Canola Variety Trial Summary

| Company | Variety | Herbicide Trait ¹ | Yield* | Rank | Location | | | | | | | | | | | |
|----------------------|-------------|------------------------------|--------|------|--------------------------|------|------------|------|---------------|------|-------------|------|-------------|------|-----------------|------|
| | | | | | Davenport, WA | | Edwall, WA | | Fairfield, WA | | Pullman, WA | | Reardan, WA | | Walla Walla, WA | |
| | | | | | Yield | Rank | Yield | Rank | Yield | Rank | Yield** | Rank | Yield | Rank | Yield | Rank |
| | | | | | ----- lbs per acre ----- | | | | | | | | | | | |
| BASF Corporation | L340PC | LL | 1356 | 9 | | | 1187 | 5 | | | 968 | 11 | 1345 | 4 | 2110 | 9 |
| BASF Corporation | L345PC | LL | 1472 | 1 | | | 1222 | 4 | | | 1168 | 1 | 1249 | 7 | 2251 | 4 |
| BASF Corporation | LR344PC | LL+TF | 1331 | 10 | 965 | 6 | 1180 | 6 | 1786 | 14 | 1068 | 2 | 1069 | 16 | 2009 | 13 |
| BASF Corporation | LR354PC | LL+TF | 1383 | 8 | 1070 | 3 | 1160 | 7 | 2201 | 4 | 1018 | 6 | 1366 | 3 | 1986 | 14 |
| Bayer Crop Science | DK902 TF | TF | 1305 | 11 | 943 | 7 | 1003 | 13 | 2094 | 7 | 899 | 14 | 1157 | 10 | 2163 | 7 |
| BrettYoung Seeds | BY 6219 TF | TF | 1022 | 23 | 978 | 5 | 972 | 14 | 1578 | 15 | 772 | 23 | 832 | 26 | 1464 | 29 |
| Canterra Seeds | CS2600 CR-T | TF | 1439 | 4 | 878 | 10 | 926 | 17 | 2459 | 2 | 1033 | 4 | 1235 | 9 | 2562 | 1 |
| Canterra Seeds | CS3000 TF | TF | 1250 | 14 | 1240 | 1 | 1033 | 12 | 2100 | 6 | 956 | 12 | 1135 | 11 | 1875 | 18 |
| Canterra Seeds | CS3100 TF | TF | 1034 | 22 | 851 | 12 | 895 | 19 | 2298 | 3 | 830 | 20 | 882 | 24 | 1695 | 23 |
| Canterra Seeds | CS3200 TF | TF | 1021 | 24 | 768 | 14 | 799 | 23 | 2151 | 5 | 772 | 24 | 1001 | 20 | 1670 | 24 |
| Canterra Seeds | CS3300 TF | TF | 1453 | 3 | 1092 | 2 | 1337 | 2 | 1829 | 12 | 857 | 18 | 1406 | 2 | 2213 | 5 |
| Canterra Seeds | CS4000 LL | LL | 1171 | 17 | | | 861 | 22 | | | 980 | 8 | 1078 | 15 | 1962 | 15 |
| Croplan | CP9978TF | TF | 1413 | 6 | 938 | 9 | 1145 | 9 | 1844 | 11 | 1064 | 3 | 1257 | 6 | 2147 | 8 |
| Croplan | CP9221TF | TF | 1402 | 7 | 987 | 4 | 1245 | 3 | 1932 | 9 | 861 | 17 | 1445 | 1 | 2059 | 11 |
| Croplan | CP7130LL | LL | 1227 | 16 | | | 1053 | 11 | | | 887 | 15 | 1061 | 17 | 1905 | 17 |
| Croplan | CP7250LL | LL | 1165 | 18 | | | 883 | 21 | | | 1010 | 7 | 1130 | 12 | 1637 | 25 |
| NuSeed | NCS27CR TF | TF | 1247 | 15 | 943 | 8 | 960 | 15 | 2489 | 1 | 822 | 21 | 919 | 23 | 2205 | 6 |
| Nutrien Ag Solutions | DG 280 CLC | CL | 1165 | 19 | | | 884 | 20 | | | 841 | 19 | 1270 | 5 | 1833 | 19 |
| Nutrien Ag Solutions | DG 661 LCM | LL | 1251 | 13 | | | 922 | 18 | 1852 | 10 | 934 | 13 | 1061 | 18 | 2090 | 10 |
| Nutrien Ag Solutions | DG 760 TM | TF | 1114 | 21 | 878 | 11 | 795 | 24 | 1824 | 13 | 745 | 25 | 974 | 21 | 1944 | 16 |
| Nutrien Ag Solutions | DG 781 TCM | TF | 1161 | 20 | 786 | 13 | 960 | 16 | 1977 | 8 | 727 | 27 | 1240 | 8 | 1757 | 21 |
| Photosyntech | NCC1825/8-S | CV | 1435 | 5 | | | 1157 | 8 | | | 1026 | 5 | 1122 | 13 | 2435 | 2 |
| Photosyntech | NCC101S | CV | 1461 | 2 | | | 1387 | 1 | | | 972 | 9 | 1100 | 14 | 2297 | 3 |
| Rubisco Seeds | RUB AE224 | CV | 919 | 28 | | | 672 | 27 | | | 872 | 16 | 751 | 28 | 1480 | 28 |
| Rubisco Seeds | RUB AE874 | CV | 984 | 26 | | | 718 | 26 | | | 734 | 26 | 860 | 25 | 1625 | 26 |
| Rubisco Seeds | RUB CLO924 | CV | 1287 | 12 | | | 1133 | 10 | | | 972 | 10 | 937 | 22 | 2017 | 12 |
| Rubisco Seeds | Chip CL | CL | 1007 | 25 | | | 784 | 25 | | | 595 | 28 | 1052 | 19 | 1793 | 20 |
| Rubisco Seeds | Colette CL | CL | 974 | 27 | | | 611 | 28 | | | 792 | 22 | 782 | 27 | 1713 | 22 |
| University of Idaho | Industrious | CV | | | | | | | | | | | | | 1487 | 27 |
| University of Idaho | 21.SC.21B.2 | CV | | | | | | | | | | | | | 1395 | 30 |
| University of Idaho | 21.SC.28A.2 | CV | | | | | | | | | | | | | 1383 | 31 |
| University of Idaho | 21.SC.24A.1 | CV | | | | | | | | | | | | | 1306 | 32 |
| Average | | | 1233 | | 949 | | 996 | | 2007 | | 901 | | 1103 | | 1896 | |
| LSD (p = 0.05) | | | 299 | | 424 | | 506 | | 1028 | | 500 | | 518 | | 628 | |
| C.V. (%) | | | 41.0 | | 19.1 | | 26.5 | | 17.9 | | 23.9 | | 24.9 | | 19.9 | |
| Seeding Date | | | | | April 19 | | April 19 | | April 24 | | April 25 | | April 19 | | April 2 | |

*The mean yield is calculated from the Edwall, Pullman, Reardan, and Walla Walla sites due to missing entries at the Davenport and Fairfield sites. University of Idaho entries were only seeded at Walla Walla.

**Heavy flea beetle pressure after emergence resulted in significant yield loss at Pullman

¹Herbicide Trait: CV = No Trait, CL = Clearfield, TF = TruFlex Roundup Ready, LL = LibertyLink