

Rubisco Seeds Winter Canola Hybrids: Mercedes, Edimax CL, Hornet, Sitro, Safran, Dimension, Dynastie, Visby, Baldur

General Inquiries: Claire Caldbeck 270-903-4994, Agronomy Support: Brian Caldbeck 270-316-4316, PNW Representative: Taylor Beard 720-878-1810

Results of the 2013-2014 PNW Winter Canola & Rapeseed Variety Trial including mean yield (lbs./acre) and rank, yield by site (lbs./acre), winter survival (1 to 9 score, with 1 indicating no survival and 9, full survival), flower date (days after January 1), and plant canopy height (inches).

| Varieties Tested | Mean Yield | | Yield by location | | | | | | | Winter Survival* | Flower Date** | Canopy Height** |
|--------------------------------|---------------------|-------------|-------------------|---------|---------|--------|---------|-------------|-----------|------------------|---------------|-----------------|
| | | | Odessa | Reardan | St John | Moscow | Genesee | Grangeville | Pendelton | | | |
| | <i>lbs per acre</i> | <i>rank</i> | WA | WA | WA | ID | ID | ID | OR | | | |
| Controls | | | | | | | | | | | | |
| Athena | 3,350 | 11 | 3,011 | 1,492 | 3,979 | 2,583 | 4,876 | 4,517 | 2,994 | 4.8 | 128 | 56 |
| Amanda | 3,546 | 5 | 3,979 | 2,238 | 3,683 | 2,915 | 4,996 | 3,572 | 3,441 | 6.8 | 130 | 56 |
| Durola Rapeseed | 3,498 | 7 | 3,669 | 1,478 | 4,082 | 2,927 | 4,913 | 4,095 | 3,322 | 4.4 | 128 | 56 |
| DL Seeds/Rubisco Seeds | | | | | | | | | | | | |
| Edimax CL | 4,118 | 2 | 3,454 | 2,033 | 5,458 | 3,338 | 6,147 | 5,210 | 3,186 | 5.4 | 130 | 59 |
| Mercedes | 4,260 | 1 | 4,601 | 2,425 | 4,637 | 3,159 | 6,585 | 5,275 | 3,139 | 7.1 | 127 | 57 |
| Visby | 4,067 | 3 | 3,575 | 2,001 | 4,868 | 3,593 | 6,897 | 4,530 | 3,003 | 4.9 | 127 | 57 |
| Kansas State University | | | | | | | | | | | | |
| Griffin | 2,912 | 18 | 2,298 | 2,307 | 3,371 | 2,188 | 4,918 | 3,043 | 2,261 | 7.1 | 129 | 59 |
| DKW 45-25 RR (KSR.07352S) | 3,363 | 10 | 4,072 | 2,113 | 4,089 | 2,524 | 4,441 | 3,478 | 2,826 | 7.1 | 129 | 57 |
| KSR.07363 | 3,443 | 8 | 3,242 | 2,328 | 3,731 | 3,589 | 5,348 | 2,901 | 2,965 | 5.6 | 128 | 57 |
| Winfield | | | | | | | | | | | | |
| HyCLASS 115W RR | 3,158 | 14 | 2,121 | 2,247 | 3,449 | 2,461 | 5,131 | 3,673 | 3,025 | 6.6 | 128 | 56 |
| HyCLASS 125W RR | 2,881 | 19 | 2,112 | 2,016 | 2,660 | 2,748 | 5,104 | 3,079 | 2,449 | 6.1 | 128 | 57 |
| University of Idaho | | | | | | | | | | | | |
| 06.WC.1 | 3,543 | 6 | 4,759 | 1,606 | 3,742 | 2,883 | 4,771 | 4,076 | 2,966 | 5.6 | 125 | 55 |
| UI.05.6.33 | 3,222 | 13 | 3,772 | 1,541 | 3,489 | 2,340 | 5,057 | 3,457 | 2,898 | 6.6 | 129 | 55 |
| 04.WL.4.4.404 | 3,391 | 9 | 3,817 | 1,776 | 3,934 | 2,977 | 4,909 | 3,426 | 2,901 | 6.4 | 129 | 59 |
| 05.WC.6.4.3 IMI | 3,031 | 16 | 3,198 | 1,700 | 3,859 | 2,969 | 3,961 | 2,787 | 2,745 | 5.1 | 130 | 59 |
| 05.WC.9.7.5.6 IMI | 2,498 | 22 | 2,438 | 1,308 | 2,831 | 1,876 | 3,905 | 2,220 | 2,906 | 5.9 | 132 | 58 |
| 05.WC.9.7.5.7 IMI | 2,461 | 23 | 2,485 | 1,188 | 2,920 | 1,983 | 3,870 | 2,112 | 2,669 | 5.8 | 130 | 60 |
| 05.WC.15.7.5 IMI | 3,345 | 12 | 3,810 | 2,071 | 3,544 | 2,816 | 4,943 | 3,458 | 2,775 | 6.6 | 131 | 59 |
| 05.WI.42.4 IMI Rapeseed | 3,086 | 15 | 4,396 | 1,345 | 3,394 | 2,457 | 3,822 | 3,670 | 2,516 | 5.3 | 130 | 56 |
| 05.WI.45.2.2 IMI Rapeseed | 3,648 | 4 | 5,085 | 1,530 | 3,990 | 2,724 | 4,648 | 4,454 | 3,108 | 5.1 | 128 | 56 |
| 10.WN.85.RR | 2,946 | 17 | 2,989 | 1,740 | 2,275 | 2,498 | 4,708 | 3,653 | 2,761 | 5.1 | 127 | 55 |
| 10.WN.86.RR | 2,765 | 20 | 1,909 | 2,217 | 1,966 | 2,829 | 4,926 | 3,216 | 2,291 | 5.4 | 128 | 54 |
| 10.WN.89.RR | 2,719 | 21 | 2,238 | 1,372 | 2,285 | 2,164 | 4,926 | 3,262 | 2,783 | 3.8 | 129 | 59 |
| Mean | 3,272 | | 3,349 | 1,829 | 3,575 | 2,719 | 4,948 | 3,616 | 2,867 | 5.8 | 129 | 57 |
| LSD (<i>p</i> = 0.05) | 288 | | 1,166 | 515 | 641 | 714 | 799 | 913 | 596 | 1.4 | 0.7 | 2.7 |
| C.V. | 17.4 | | 24.1 | 20.2 | 12.4 | 18.5 | 11.3 | 18.0 | 14.8 | 24.9 | 0.3 | 4.8 |

* mean of scores at LaCrosse, WA and Reardan, WA

** mean of values at Moscow, ID and Genesee, ID