

WSU Variety Testing Barley Trial Multi-Year Summary

Precipitation Zone = 12-16"

(Almira, Endicott, Lamont, Reardan)

| Variety Name <i>Hulless Italicized</i> | 2 Years 2018-2019, 6 loc/yrs | | | 3 Years 2017-2019, 9 loc/yrs | | | 5 Years 2015-2019, 12 loc/yrs | | |
|---|---------------------------------|--------------|--------------|---------------------------------|--------------|--------------|----------------------------------|--------------|--------------|
| | Yield Lbs/A | TW Lbs/Bu | Protein % | Yield Lbs/A | TW Lbs/Bu | Protein % | Yield Lbs/A | TW Lbs/Bu | Protein % |
| Released Varieties | | | | | | | | | |
| LCS Opera | 3690 | 49.8 | 11.4 | | | | | | |
| Altorado | 3350 | 48.8 | 12.2 | 3410 | 50.0 | 11.5 | | | |
| Oreana | 3330 | 49.8 | 12.4 | 3190 | 50.3 | 12.1 | 3290 | 50.9 | 12.6 |
| Lenetah | 3230 | 51.3 | 11.7 | 3170 | 51.7 | 11.2 | 3220 | 51.9 | 11.9 |
| Claymore | 3230 | 49.2 | 12.1 | 3110 | 49.3 | 11.9 | 3200 | 49.8 | 12.4 |
| Muir | 3170 | 49.3 | 12.1 | 3210 | 49.9 | 11.7 | 3230 | 50.4 | 12.4 |
| LCS Odyssey | 3170 | 49.2 | 12.2 | 3200 | 49.9 | 11.9 | 3340 | 50.3 | 12.3 |
| Lyon | 3160 | 48.2 | 12.5 | 3150 | 49.3 | 12.2 | 3160 | 50.0 | 12.8 |
| Survivor | 3130 | 51.0 | 12.6 | 3130 | 51.6 | 12.0 | 3140 | 51.7 | 12.7 |
| Palmer (11WA-107.43) | 3110 | 50.4 | 12.4 | 3160 | 51.4 | 11.8 | | | |
| Champion | 3060 | 51.6 | 12.4 | 3100 | 52.0 | 11.9 | 3090 | 52.4 | 12.5 |
| LCS Vespa | 3050 | 49.6 | 12.4 | 2990 | 50.0 | 12.1 | 3090 | 50.3 | 12.7 |
| LCS Genie | 3010 | 49.9 | 12.0 | 2900 | 50.5 | 11.5 | 3000 | 51.1 | 12.1 |
| CDC Copeland | 2990 | 47.7 | 12.2 | 2870 | 48.2 | 12.1 | 2860 | 49.1 | 12.5 |
| <i>Havener</i> | 2720 | 56.7 | 13.1 | 2810 | 58.6 | 12.3 | 2700 | 59.4 | 13.1 |
| <i>Meg's Song</i> | 2480 | 55.7 | 14.4 | | | | | | |
| Experimental Lines | | | | | | | | | |
| 12WA-120.14 | 3310 | 48.6 | 13.3 | 3190 | 49.2 | 12.9 | | | |
| BZ 512-319 | 3000 | 48.0 | 12.3 | | | | | | |
| C.V. % | 11.7 | 2.8 | 5.7 | 11.1 | 2.7 | 7.5 | 10.4 | 2.6 | 6.5 |
| LSD (.05) | 200 | 0.8 | 0.4 | 160 | 0.6 | 0.4 | 130 | 0.5 | 0.3 |
| Average | 3120 | 50.3 | 12.4 | 3110 | 50.8 | 11.9 | 3110 | 51.4 | 12.5 |
| Highest | 3690 | 56.7 | 14.4 | 3410 | 58.6 | 12.9 | 3340 | 59.4 | 13.1 |
| Lowest | 2480 | 47.7 | 11.4 | 2810 | 48.2 | 11.2 | 2700 | 49.1 | 11.9 |