

**2018 WSU Variety Testing Barley Trial Summary**

Precipitation Zone = 12-16"

| Variety Name<br><i>Hulless Italicized</i> | Almira                    | Endicott | Reardan | Average     | Almira           | Endicott | Reardan | Average     | Almira      | Endicott | Reardan | Average |
|---|---------------------------|----------|---------|-------------|------------------|----------|---------|-------------|-------------|----------|---------|---------|
|   | Yield (Bu/A)              |          |         |             | Test Wt (Lbs/Bu) |          |         |             | Protein (%) |          |         |         |
|   | <i>Released Varieties</i> |          |         |             |                  |          |         |             |             |          |         |         |
| LCS Opera                                 | 4380                      | 4490     | 3190    | <b>4020</b> | 44.2             | 51.5     | 51.5    | 49.1        | 11.4        | 10.0     | 10.6    | 10.7    |
| Altorado                                  | 4440                      | 4090     | 2980    | <b>3840</b> | 47.6             | 50.0     | 49.2    | 48.9        | 12.1        | 11.1     | 11.8    | 11.7    |
| Oreana                                    | 4490                      | 3740     | 3010    | 3750        | 49.4             | 49.8     | 50.1    | 49.8        | 12.1        | 11.6     | 12.4    | 12.0    |
| LCS Sienna                                | 4350                      | 3740     | 2990    | 3690        | 49.6             | 52.2     | 52.9    | 51.6        | 11.4        | 10.5     | 11.7    | 11.2    |
| Lenetah                                   | 4220                      | 3880     | 2960    | 3690        | 51.0             | 52.5     | 51.9    | 51.8        | 11.7        | 9.8      | 11.2    | 10.9    |
| Muir                                      | 4060                      | 3900     | 3080    | 3680        | 46.6             | 50.7     | 50.5    | 49.3        | 12.5        | 10.6     | 11.6    | 11.5    |
| Claymore                                  | 3880                      | 4180     | 2920    | 3660        | 47.5             | 50.7     | 50.2    | 49.5        | 12.3        | 10.8     | 10.9    | 11.3    |
| Lyon                                      | 3870                      | 4160     | 2830    | 3620        | 49.7             | 50.3     | 49.4    | 49.8        | 12.8        | 11.1     | 12.5    | 12.1    |
| LCS Vespa                                 | 4230                      | 3480     | 2820    | 3510        | 49.2             | 49.6     | 49.0    | 49.3        | 11.6        | 10.7     | 12.1    | 11.5    |
| Champion                                  | 3830                      | 3610     | 3000    | 3480        | 52.3             | 52.6     | 52.8    | 52.6        | 11.5        | 10.4     | 11.7    | 11.2    |
| CDC Copeland                              | 3440                      | 3790     | 2880    | 3370        | 44.9             | 48.3     | 48.3    | 47.2        | 13.0        | 11.0     | 11.6    | 11.9    |
| LCS Genie                                 | 4000                      | 3100     | 2950    | 3350        | 49.3             | 50.3     | 50.7    | 50.1        | 12.0        | 10.1     | 11.7    | 11.3    |
| Survivor                                  | 3880                      | 3520     | 2600    | 3330        | 50.3             | 50.8     | 50.9    | 50.7        | 13.0        | 11.3     | 12.5    | 12.2    |
| LCS Odyssey                               | 4190                      | 3220     | 2320    | 3250        | 48.7             | 48.6     | 48.6    | 48.6        | 11.8        | 10.8     | 12.6    | 11.7    |
| <i>Havener</i>                            | 3590                      | 3210     | 2430    | 3080        | 53.0             | 56.4     | 55.3    | <b>54.9</b> | 13.4        | 11.5     | 13.5    | 12.8    |
| <i>Meg's Song (X05013-T1)</i>             | 3530                      | 2750     | 2050    | 2780        | 51.2             | 54.4     | 51.4    | 52.3        | 13.7        | 13.0     | 14.6    | 13.8    |
| <i>Experimental Lines</i>                 |                           |          |         |             |                  |          |         |             |             |          |         |         |
| 11WA-107.58                               | 4480                      | 3660     | 2900    | 3680        | 53.3             | 52.9     | 52.6    | 52.9        | 12.2        | 11.3     | 12.5    | 12.0    |
| 11WA-107.43                               | 4040                      | 4030     | 2500    | 3520        | 52.5             | 52.3     | 50.3    | 51.7        | 11.5        | 11.5     | 12.6    | 11.8    |
| 12WA-120.23                               | 3820                      | 3950     | 2770    | 3520        | 48.6             | 49.3     | 49.4    | 49.1        | 12.6        | 12.5     | 12.1    | 12.4    |
| 13WA-101.2                                | 3940                      | 3760     | 2860    | 3520        | 48.6             | 50.1     | 49.6    | 49.4        | 12.3        | 11.7     | 13.0    | 12.3    |
| 11WA-107.36                               | 3900                      | 3830     | 2690    | 3480        | 49.9             | 50.4     | 49.2    | 49.9        | 12.2        | 9.8      | 12.3    | 11.4    |
| 12WA-120.14                               | 3720                      | 4060     | 2590    | 3460        | 48.8             | 50.3     | 49.1    | 49.4        | 12.9        | 11.0     | 12.7    | 12.2    |
| BZ 512-319                                | 3780                      | 3570     | 2540    | 3290        | 45.6             | 46.9     | 47.5    | 46.7        | 13.0        | 10.3     | 11.5    | 11.6    |
| 13WA-149.2                                | 4000                      | 3360     | 2520    | 3290        | 49.0             | 50.6     | 49.3    | 49.6        | 12.4        | 11.8     | 12.7    | 12.3    |
| C.V. %                                    | 9                         | 10       | 8       | 9           | 2.2              | 1.4      | 2.0     | 1.9         | 5.0         | 8.8      | 3.8     | 6.0     |
| LSD (0.05)                                | 520                       | 500      | 310     | 260         | 1.5              | 1.0      | 1.4     | 0.7         | 0.8         | 1.3      | 0.6     | 0.6     |
| Average                                   | 4000                      | 3710     | 2770    | 3490        | 49.2             | 50.9     | 50.4    | 50.2        | 12.3        | 11.0     | 12.2    | 11.8    |
| Highest                                   | 4490                      | 4490     | 3190    | 4020        | 53.3             | 56.4     | 55.3    | 54.9        | 13.7        | 13.0     | 14.6    | 13.8    |
| Lowest                                    | 3440                      | 2750     | 2050    | 2780        | 44.2             | 46.9     | 47.5    | 46.7        | 11.4        | 9.8      | 10.6    | 10.7    |