

### 2018 WSU Variety Testing Hard Winter Wheat Trial, Lind

| Variety Name              | 2018            |                     |                |                  |              | 2 Year            | 3 Year            | 5 Year            |
|---------------------------|-----------------|---------------------|----------------|------------------|--------------|-------------------|-------------------|-------------------|
|                           | Yield<br>(Bu/A) | Test WT<br>(Lbs/Bu) | Protein<br>(%) | Plant HT<br>(In) | Head<br>Date | Average<br>(Bu/A) | Average<br>(Bu/A) | Average<br>(Bu/A) |
| <i>Released Varieties</i> |                 |                     |                |                  |              |                   |                   |                   |
| LCS Jet                   | 78              | 62.0                | 11.3           | 33               | 134          | 76                | 69                | 50                |
| LCS Abraham               | 73              | 60.3                | 10.4           | 31               | 139          |                   |                   |                   |
| SY Touchstone             | 67              | 63.2                | 11.7           | 32               | 140          | 56                | 52                |                   |
| SY Clearstone CL2         | 66              | 62.1                | 10.8           | 40               | 139          | 59                | 56                |                   |
| Keldin                    | 64              | 63.2                | 11.1           | 38               | 138          | 55                | 54                | 41                |
| LCS Rocket (NSA10-2196)   | 64              | 61.1                | 10.3           | 34               | 135          |                   |                   |                   |
| Mandala                   | 61              | 62.5                | 11.5           | 36               | 141          | 56                |                   |                   |
| WB4623CLP                 | 60              | 62.2                | 13.0           | 38               | 140          | 52                |                   |                   |
| Sequoia                   | 58              | 62.1                | 10.9           | 48               | 142          | 61                | 58                | 46                |
| WB4303                    | 58              | 61.9                | 11.4           | 36               | 132          |                   |                   |                   |
| Whetstone                 | 57              | 62.7                | 11.1           | 36               | 137          | 49                | 50                | 42                |
| Farnum                    | 50              | 60.3                | 11.6           | 45               | 144          | 51                | 48                | 40                |
| <i>Experimental Lines</i> |                 |                     |                |                  |              |                   |                   |                   |
| NSA12-2472                | 83              | 61.0                | 9.8            | 35               | 135          |                   |                   |                   |
| LWW14-73915               | 81              | 61.2                | 11.3           | 35               | 134          | 78                |                   |                   |
| WA 8286                   | 64              | 61.0                | 10.5           | 38               | 142          |                   |                   |                   |
| WA 8273                   | 63              | 63.2                | 11.0           | 46               | 142          | 63                |                   |                   |
| WA 8287                   | 61              | 59.2                | 11.2           | 37               | 143          |                   |                   |                   |
| <b>C.V. %</b>             | 10              | 1.1                 | 6.2            | 4                | 1            | 10                | 10                | 11                |
| <b>LSD (0.05)</b>         | 9               | 1.0                 | 0.9            | 2                | 2            | 6                 | 5                 | 3                 |
| <b>Average</b>            | 65              | 61.7                | 11.1           | 38               | 139          | 60                | 55                | 44                |
| <b>Highest</b>            | 83              | 63.2                | 13.0           | 48               | 144          | 78                | 69                | 50                |
| <b>Lowest</b>             | 50              | 59.2                | 9.8            | 31               | 132          | 49                | 48                | 40                |

#### Agronomic Information

|  |           |
|--|-----------|
| Planting Date:                         | 9/4/2017  |
| Harvest Date:                          | 7/20/2018 |
| Seeding Rate (seeds/ft <sup>2</sup> ): | 13        |
| Previous Crop:                         | Fallow    |
| Spring soil test:                      |           |
| N (lb/ac) 4-ft sample                  | 222       |
| P (ppm-bicarb) 2-ft sample             | 21        |
| S (lb/ac) 2-ft sample                  | 27        |
| pH (top 6 inches)                      | 6.0       |

#### Trial Notes:

1. The Lind nursery was located about 3.5 miles northeast of Lind, WA.
2. The nursery was fertilized prior to planting 50N 10S.
3. Overall yield was 40% greater than 2017 and test weights are similar.

**Cooperator: WSU Lind Dryland Experiment Station**