



## 2018 OREGON SOFT WINTER ELITE YIELD TRIALS

### Dayton



Site Quality Index† = 4

1 = Poor 3 = Average 5 = Excellent

Collaborative site with WSU Variety Testing and Northwest Grain Growers.

3-year data is from WSU Variety Testing.

| Entry | Variety                         | Class | Quality <sup>†</sup> | 2018 Yield Data <sup>‡</sup> |      | 2-Year Yield Data |      | 3-Year Yield Data |      |
|-------|---------------------------------|-------|----------------------|------------------------------|------|-------------------|------|-------------------|------|
|       |                                 |       |                      | Yield<br>bu/ac               | Rank | Yield<br>bu/ac    | Rank | Yield<br>bu/ac    | Rank |
| 53    | LWW15-71945                     | SWW   |                      | 112.6                        | 1    |                   |      |                   |      |
| 10    | Rosalyn                         | SWW   | A                    | 111.4                        | 2    | 132.7             | 1    | 130.5             | 1    |
| 31    | LCS Ghost (LWW14-74143)         | SWW   |                      | 110.7                        | 3    | 130.9             | 2    |                   |      |
| 5     | SY Raptor (09PN046#16)          | SWW   |                      | 110.0                        | 4    | 119.5             | 11   |                   |      |
| 4     | M-Press                         | SWW   |                      | 109.1                        | 5    |                   |      |                   |      |
| 36    | UIL 07-28017B                   | SWW   |                      | 107.6                        | 6    | 127.3             | 3    | 120.5             | 4    |
| 21    | Norwest Tandem                  | SWW   | A                    | 106.9                        | 7    | 122.9             | 5    |                   |      |
| 18    | LCS Artdeco                     | SWW   | A                    | 106.1                        | 8    | 126.0             | 4    | 121.4             | 2    |
| 45    | Xerpha                          | SWW   | LD                   | 105.3                        | 9    | 120.6             | 9    | 121.1             | 3    |
| 11    | Bobtail                         | SWW   | MD                   | 104.8                        | 10   | 119.9             | 10   | 118.9             | 5    |
| 29    | Jasper                          | SWW   | MD                   | 104.8                        | 11   | 110.9             | 24   |                   |      |
| 15    | IDN 15-72458DH                  | SWW   |                      | 103.7                        | 12   |                   |      |                   |      |
| 27    | PNW Hailey                      | SWW   |                      | 103.5                        | 13   |                   |      |                   |      |
| 16    | WA 8293                         | SWW   |                      | 102.8                        | 14   |                   |      |                   |      |
| 38    | Dyna-Gro Impact                 | SWW   |                      | 102.6                        | 15   |                   |      |                   |      |
| 52    | Norwest Duet                    | SWW   | D                    | 102.3                        | 16   | 115.2             | 15   | 114.1             | 9    |
| 49    | LCS Shark (LWW14-71195)         | SWW   | D                    | 102.2                        | 17   | 122.6             | 6    |                   |      |
| 14    | LCS Drive (LWW12-7105)          | SWW   | D                    | 102.0                        | 18   | 113.0             | 22   |                   |      |
| 23    | Mary                            | SWW   | D                    | 102.0                        | 19   | 116.5             | 14   | 116.7             | 7    |
| 20    | SY Dayton (09PN062#18)          | SWW   | D                    | 102.0                        | 20   | 121.5             | 8    | 118.0             | 6    |
| 35    | LCS Hulk (LWW14-73163)          | SWW   | A                    | 101.7                        | 21   | 110.3             | 28   | 109.9             | 16   |
| 34    | SY Ovation                      | SWW   | D                    | 100.1                        | 22   | 115.1             | 16   | 112.7             | 11   |
| 9     | OR2121086                       | SWW   |                      | 99.8                         | 23   | 116.9             | 13   |                   |      |
| 1     | Puma                            | SWW   | MD                   | 99.1                         | 24   | 108.1             | 30   | 111.0             | 15   |
| 47    | LCS Sonic (LWW14-73161)         | SWW   |                      | 98.7                         | 25   | 109.9             | 29   |                   |      |
| 50    | LCS Shine (LWW14-72916)         | SWW   |                      | 97.7                         | 26   | 122.4             | 7    |                   |      |
| 37    | WA 8292                         | SWW   |                      | 97.7                         | 27   |                   |      |                   |      |
| 48    | SY Command (04PN066-7)          | SWW   | D                    | 97.2                         | 28   | 114.1             | 19   |                   |      |
| 7     | XB1104                          | SWW   |                      | 97.0                         | 29   |                   |      |                   |      |
| 2     | Purl (WA 8234)                  | SWW   |                      | 96.7                         | 30   | 114.9             | 18   | 113.6             | 10   |
| 33    | WB 1604                         | SWW   | A                    | 96.7                         | 31   | 110.4             | 27   | 108.9             | 17   |
| 51    | WB 528                          | SWW   | D                    | 96.6                         | 32   | 113.3             | 21   | 112.2             | 12   |
| 54    | SY Assure                       | SWW   | A                    | 95.2                         | 33   | 117.1             | 12   | 116.4             | 8    |
| 26    | SY Candor (09PN008#72)          | SWW   |                      | 95.0                         | 34   | 115.0             | 17   |                   |      |
| 32    | OR2121285                       | SWW   |                      | 94.9                         | 35   | 113.0             | 23   |                   |      |
| 6     | ARS 06132-45C                   | Club  |                      | 94.9                         | 36   |                   |      |                   |      |
| 40    | ARS Castella (ARS 20060123-31C) | Club  | MD                   | 94.7                         | 37   |                   |      |                   |      |
| 19    | YS-205                          | SWW   |                      | 94.1                         | 38   |                   |      |                   |      |
| 3     | WB 1529                         | SWW   | A                    | 93.7                         | 39   | 110.9             | 25   | 111.9             | 13   |
| 44    | WA 8232                         | SWW   |                      | 93.5                         | 40   | 113.8             | 20   | 111.8             | 14   |
| 30    | WB 1783                         | SWW   | LD                   | 93.0                         | 41   | 107.0             | 31   |                   |      |
| 22    | UI Sparrow (IDO 1108DH)         | SWW   | D                    | 92.8                         | 42   | 106.9             | 32   | 107.6             | 18   |
| 42    | ARS DH08X028-9C                 | Club  |                      | 92.3                         | 43   |                   |      |                   |      |
| 39    | ARS Crescent                    | Club  | MD                   | 91.2                         | 44   | 102.1             | 35   | 101.7             | 20   |
| 41    | ARS DH08X117-83C                | Club  |                      | 91.1                         | 45   |                   |      |                   |      |
| 43    | WB 1532                         | SWW   |                      | 90.9                         | 46   |                   |      |                   |      |
| 17    | IDO 1005                        | SWW   |                      | 90.6                         | 47   |                   |      |                   |      |
| 8     | ARS DH08X103-102C               | Club  |                      | 89.5                         | 48   |                   |      |                   |      |
| 46    | Stephens                        | SWW   | D                    | 89.5                         | 49   | 105.2             | 34   |                   |      |
| 12    | SY Banks (09PN005#25)           | SWW   | LD                   | 89.0                         | 50   | 110.5             | 26   |                   |      |
| 28    | Madsen                          | SWW   | A                    | 87.8                         | 51   | 106.9             | 33   | 105.9             | 19   |
| 24    | OR2130081                       | SWW   |                      | 87.5                         | 52   |                   |      |                   |      |
| 25    | IDO 1708                        | SWW   |                      | 85.1                         | 53   |                   |      |                   |      |
| 13    | YS-201                          | SWW   |                      | 84.0                         | 54   |                   |      |                   |      |
|       | Site Average                    |       |                      | 98.2                         |      | 115.5             |      | 114.2             |      |
|       | LSD (0.05)                      |       |                      | 7.6                          |      |                   |      |                   |      |
|       | CV (%)                          |       |                      | 5.5                          |      |                   |      |                   |      |

<sup>†</sup>The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability

found within the trial.

Site Quality Index Descriptions:

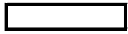
- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
- 2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
- 3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
- 4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.
- 5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

<sup>†</sup>Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site.

\* Indicates check variety.

<sup>†</sup>Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses





## 2018 OREGON SOFT WINTER ELITE YIELD TRIALS

### Dayton



Site Quality Index<sup>†</sup> = 4

1 = Poor 3 = Average 5 = Excellent

Collaborative site with WSU Variety Testing and Northwest Grain Growers.

3-year data is from WSU Variety Testing.

| Entry | Variety                         | Class | Height<br>in | Test Weight<br>lbs/bu | Protein<br>% | Heading Date |
|-------|---------------------------------|-------|--------------|-----------------------|--------------|--------------|
| 53    | LWW15-71945                     | SWW   | 34.7         | 59.5                  | 9.2          | 5-24         |
| 10    | Rosalyn                         | SWW   | 36.0         | 60.1                  | 8.6          | 5-25         |
| 31    | LCS Ghost (LWW14-74143)         | SWW   | 35.3         | 59.3                  | 7.9          | 5-19         |
| 5     | SY Raptor (09PN046#16)          | SWW   | 33.3         | 61.4                  | 9.2          | 5-21         |
| 4     | M-Press                         | SWW   | 36.0         | 61.5                  | 8.7          | 5-24         |
| 36    | UIL 07-28017B                   | SWW   | 36.0         | 63.0                  | 9.4          | 5-21         |
| 21    | Norwest Tandem                  | SWW   | 30.7         | 62.1                  | 9.1          | 5-21         |
| 18    | LCS Artdeco                     | SWW   | 33.7         | 60.6                  | 9.0          | 5-20         |
| 45    | Xerpha                          | SWW   | 37.0         | 61.7                  | 9.0          | 5-31         |
| 11    | Bobtail                         | SWW   | 34.7         | 58.9                  | 8.9          | 5-25         |
| 29    | Jasper                          | SWW   | 36.7         | 60.1                  | 9.8          | 5-27         |
| 15    | IDN 15-72458DH                  | SWW   | 37.0         | 60.7                  | 8.7          | 5-22         |
| 27    | PNW Hailey                      | SWW   | 36.3         | 63.1                  | 9.3          | 5-26         |
| 16    | WA 8293                         | SWW   | 37.0         | 61.1                  | 9.1          | 5-28         |
| 38    | Dyna-Gro Impact                 | SWW   | 35.0         | 62.6                  | 9.2          | 5-24         |
| 52    | Norwest Duet                    | SWW   | 40.7         | 62.0                  | 9.1          | 5-25         |
| 49    | LCS Shark (LWW14-71195)         | SWW   | 33.7         | 61.5                  | 9.1          | 5-20         |
| 14    | LCS Drive (LWW12-7105)          | SWW   | 29.7         | 60.6                  | 8.7          | 5-19         |
| 23    | Mary                            | SWW   | 35.0         | 62.2                  | 9.4          | 5-22         |
| 20    | SY Dayton (09PN062#18)          | SWW   | 35.0         | 61.9                  | 9.3          | 5-26         |
| 35    | LCS Hulk (LWW14-73163)          | SWW   | 35.7         | 62.5                  | 9.0          | 5-25         |
| 34    | SY Ovation                      | SWW   | 34.3         | 62.0                  | 9.3          | 5-26         |
| 9     | OR2121086                       | SWW   | 36.0         | 62.2                  | 9.4          | 5-23         |
| 1     | Puma                            | SWW   | 40.3         | 61.7                  | 9.4          | 5-26         |
| 47    | LCS Sonic (LWW14-73161)         | SWW   | 37.7         | 61.2                  | 9.0          | 5-23         |
| 50    | LCS Shine (LWW14-72916)         | SWW   | 31.0         | 61.7                  | 9.1          | 5-21         |
| 37    | WA 8292                         | SWW   | 37.0         | 62.0                  | 10.1         | 5-29         |
| 48    | SY Command (04PN066-7)          | SWW   | 36.3         | 60.3                  | 8.4          | 5-24         |
| 7     | XB1104                          | SWW   | 31.3         | 63.6                  | 9.6          | 5-19         |
| 2     | Purl (WA 8234)                  | SWW   | 34.0         | 62.5                  | 9.2          | 5-23         |
| 33    | WB 1604                         | SWW   | 34.3         | 60.1                  | 9.6          | 5-22         |
| 51    | WB 528                          | SWW   | 36.0         | 62.2                  | 9.9          | 5-22         |
| 54    | SY Assure                       | SWW   | 34.7         | 62.8                  | 9.1          | 5-19         |
| 26    | SY Candor (09PN008#72)          | SWW   | 37.3         | 62.6                  | 9.3          | 5-25         |
| 32    | OR2121285                       | SWW   | 32.7         | 62.3                  | 9.9          | 5-23         |
| 6     | ARS 06132-45C                   | Club  | 33.3         | 60.1                  | 8.9          | 5-25         |
| 40    | ARS Castella (ARS 20060123-31C) | Club  | 36.7         | 61.0                  | 9.0          | 5-24         |
| 19    | YS-205                          | SWW   | 32.3         | 62.9                  | 9.1          | 5-30         |
| 3     | WB 1529                         | SWW   | 33.3         | 63.1                  | 9.8          | 5-22         |
| 44    | WA 8232                         | SWW   | 36.3         | 62.5                  | 9.6          | 5-29         |
| 30    | WB 1783                         | SWW   | 36.3         | 64.0                  | 9.7          | 5-22         |
| 22    | UI Sparrow (IDO 1108DH)         | SWW   | 38.3         | 60.3                  | 8.7          | 5-31         |
| 42    | ARS DH08X028-9C                 | Club  | 33.0         | 60.5                  | 9.8          | 5-26         |
| 39    | ARS Crescent                    | Club  | 36.7         | 60.5                  | 8.8          | 6-1          |
| 41    | ARS DH08X117-83C                | Club  | 37.0         | 62.4                  | 9.3          | 5-25         |
| 43    | WB 1532                         | SWW   | 33.7         | 61.1                  | 10.4         | 5-31         |
| 17    | IDO 1005                        | SWW   | 37.7         | 61.4                  | 10.1         | 5-26         |
| 8     | ARS DH08X103-102C               | Club  | 34.3         | 60.2                  | 9.7          | 5-28         |
| 46    | Stephens                        | SWW   | 35.7         | 60.8                  | 10.0         | 5-21         |
| 12    | SY Banks (09PN005#25)           | SWW   | 36.3         | 60.0                  | 9.1          | 5-26         |
| 28    | Madsen                          | SWW   | 34.3         | 61.7                  | 10.3         | 5-30         |
| 24    | OR2130081                       | SWW   | 38.0         | 61.0                  | 9.4          | 5-25         |
| 25    | IDO 1708                        | SWW   | 35.3         | 59.3                  | 9.1          | 5-21         |
| 13    | YS-201                          | SWW   | 34.0         | 61.8                  | 9.2          | 5-23         |
|       | Site Average                    |       | 35.3         | 61.4                  | 9.3          | 5-24         |
|       | LSD (0.05)                      |       | 2.2          | 0.7                   | 0.6          | 2            |
|       | CV (%)                          |       | 4.4          | 0.8                   | 4.5          |              |

<sup>1</sup>The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability found within the trial.

Site Quality Index Descriptions:

- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
- 2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
- 3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
- 4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.
- 5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

<sup>1</sup>Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site.

\* Indicates check variety.

<sup>1</sup>Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses