

Table 12. Yield and malting quality parameters for the Winter Cultivar Trial for the University of Massachusetts Agricultural Research Farm, South Deerfield, MA, 2015-2016*

| Cultivar Entry | Germinative energy | Percent protein | DON | Falling number |
|----------------|--------------------|-----------------|--------|----------------|
| Charles | 60.3 ef | 12.1 ab | d a | 60.0 d |
| Strider | 98.7 abc | 13.2 ab | abcd a | 200.0 abcd |
| McGregor | 74.0 bcde | 11.4 ab | abcd a | 235.7 abcd |
| Thoroughbred | 99.0 abc | 12.0 ab | ab a | 311.3 ab |
| Endeavor | 96.7 abc | 11.6 ab | d a | 60.0 d |
| Wintmalt | 96.7 abc | 12.3 ab | bcd a | 142.3 bcd |
| 05ARS561 | 99.0 abc | 14.8 ab | d a | 60.0 d |
| 06ARS633 | 89.7 abcd | 12.4 ab | d a | 60.0 d |
| 02Ab669 | 98.7 abc | 13.3 ab | cd a | 127.3 cd |
| 04ARS640 | 96.7 abc | 13.1 ab | d a | 60.0 d |
| SU-Mateo | 99.0 abc | 13.0 ab | ab a | 310.7 ab |
| Hirondella | 98.0 abc | 12.8 ab | abc a | 272.3 abc |
| Vincenta | 99.7 ab | 13.0 ab | cd a | 122.7 cd |
| 10/069/1 | 74.7 abcde | 13.7 ab | abc a | 297.7 abc |
| Puffin | 99.7 abc | 12.9 ab | ab a | 321.3 ab |
| 10.0777 | 38.7 fg | 13.8 ab | d a | 60.0 d |
| 10.086 | 97.3 abc | 11.0 ab | d a | 60.0 d |
| DH130004 | 39.7 fg | 11.4 ab | d a | 60.0 d |
| DH130718 | 100.0 a | 10.6 b | d a | 60.0 d |
| MW11S4024-004 | 99.0 abc | 14.9 a | abcd a | 237.7 abcd |
| MW11S4029-002 | 73.7 cde | 14.5 ab | abcd a | 199.7 abcd |
| MW12_4007-008 | 99.3 abc | 13.5 ab | d a | 61.7 d |
| MW12_4042-002 | 30.7 g | 13.6 ab | abcd a | 176.3 abcd |
| 6W11-0003 | 66.0 de | 11.9 ab | cd a | 120.7 cd |
| 6W11-0064 | 34.3 g | 12.4 ab | bcd a | 150.0 bcd |
| 6W13-7041 | 53.3 efg | 13.1 ab | bcd a | 160.7 bcd |
| Calypso | 99.3 abc | 13.3 ab | a a | 350.0 a |
| Trial mean | 81.9 | 12.8 | 0.01 | 160.7 |
| 2-row mean | 86.5 | 12.5 | 0.01 | 113.8 |
| 6-row mean | 76.9 | 13.1 | 0.02 | 211.2 |

*Means with the same letter in each column are not significantly different from one another (Tukey's HSD ranking $P \leq 0.05$)