

Table 11. 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 | Yield (bu/ac) | Test weight (lb/bu) | Percent plump | Percent thin |
|----------------|---------------|---------------------|---------------|--------------|
| Charles | 64.9 fde | 38.9 i | 91.3 ab | 1.4 c |
| Strider | 95.9 abcde | 46.9 abcd | 86.7 abc | 1.3 c |
| McGregor | 126.5 ab | 38.8 i | 77.1 abcd | 4.0 abc |
| Thoroughbred | 91.7 abcde | 42.1 fghi | 54.6 e | 6.7 a |
| Endeavor | 75.8 cde | 44.2 cdefgh | 94.8 a | 0.6 c |
| Wintmalt | 101.6 abcde | 44.5 bcdefgh | 85.7 abc | 1.0 c |
| 05ARS561 | 77.9 abcde | 43.4 efgh | 81.3 abc | 1.7 c |
| 06ARS633 | 74.7 cde | 41.6 ghi | 66.7 cde | 5.9 ab |
| 02Ab669 | 88.0 abcde | 48.3 a | 93.7 ab | 1.1 c |
| 04ARS640 | 85.2 bcde | 45.2 abcdef | 81.7 abc | 1.5 c |
| SU-Mateo | 108.3 abcd | 41.1 hi | 73.1 bcde | 2.8 abc |
| Hirondella | 115.4 abc | 44.2 cdefgh | 92.0 ab | 1.0 c |
| Vincenta | 110.9 abcd | 44.4 bcdefgh | 94.0 ab | 1.0 c |
| 10/069/1 | 115.9 abc | 43.4 efgh | 95.2 a | 1.5 c |
| Puffin | 104.9 abcd | 43.2 efgh | 69.0 cde | 2.1 bc |
| 10.0777 | 92.7 abcde | 45.6 abcdef | 82.2 abc | 1.9 c |
| 10.086 | 72.4 cde | 46.1 abcde | 96.0 a | 0.6 c |
| DH130004 | 53.9 fe | 39.0 i | 81.6 abc | 2.2 bc |
| DH130718 | 17.4 f | 47.2 abc | 97.0 a | 0.3 c |
| MW11S4024-004 | 91.3 abcde | 45.3 abcdef | 59.5 de | 3.2 abc |
| MW11S4029-002 | 77.4 cde | 43.1 efgh | 94.5 a | 1.3 c |
| MW12_4007-008 | 98.0 abcde | 44.8 abcdefg | 79.3 abcd | 1.2 c |
| MW12_4042-002 | 101.4 abcde | 42.9 efgh | 91.6 ab | 1.0 c |
| 6W11-0003 | 106.9 abcd | 43.4 defgh | 82.8 abc | 1.9 c |
| 6W11-0064 | 96.5 abcde | 42.6 fgh | 91.6 ab | 1.4 c |
| 6W13-7041 | 87.9 abcde | 44.7 bcdefg | 78.2 abcd | 1.7 c |
| Calypso | 136.5 a | 47.9 ab | 97.4 a | 0.6 c |
| Trial mean | 91.5 | 43.8 | 84.0 | 1.9 |
| 2-row mean | 82.9 | 44.1 | 86.9 | 1.6 |
| 6-row mean | 100.8 | 43.5 | 80.9 | 2.2 |

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