

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 $p \leq 0.05$)