

BARC Table 2. Yield, tuber size distribution, and quality characteristics of specialty market types harvested 158 days after planting on Aroostook State Farm in 2010.

Pedigree	Mkt cwt/A	%Mkt	Tuber Size Distribution					SG	HH <sup>1</sup>	Stand <sup>2</sup>
			< 1 7/8"	1 7/8-2 1/4"	2 1/4 - 3 1/4"	3 1/4 - 4"	>4"			
B2152-17	318	81	18.7	45.8	34.1	1.4	0.0	73	0	80
B2538-5	424	97	2.6	25.1	61.6	10.7	0.0	74	0	80
B2676-2	298	87	13.2	42.7	40.9	3.2	0.0	90	0	80
B2756-7	326	86	14.1	48.4	37.5	0.0	0.0	84	1	80
BCO01044-2	368	92	6.7	33.1	46.6	12.1	1.6	71	0	76
BCO01306-2	271	83	17.5	42.9	35.9	3.8	0.0	85	1	80
BNC193-1	312	86	14.4	55.1	30.5	0.0	0.0	78	0	80
BNC201-1	347	92	8.1	42.2	47.7	2.0	0.0	81	0	80
Dk Red Norland	452	94	6.1	34.8	55.2	4.0	0.0	68	2	80
Peter Wilcox	359	88	12.1	46.9	40.6	0.5	0.0	83	1	80
Yukon Gold	331	92	3.6	15.2	54.9	22.0	4.3	89	8	78
LSD (0.05)	55							06		

<sup>1</sup> Number of tubers out of 40 with hollow heart.

<sup>2</sup> Stand count on June 25, 2009. Number of plants out of 80.

BARC Table 2. Continued.

Temperature Date Pedigree	50F 1/12		45F 1/14		40F 1/17		40-70F 1/24		50F 2/1		45F 2/1		40F 2/2		40-70F 2/4		Comments <sup>4</sup>
	Chip <sup>2</sup>	Spt <sup>3</sup>	Chip	Spt	Chip	Spt	Chip	Spt	Chip	Spt	Chip	Spt	Chip	Spt	Chip	Spt	
B2152-17	8.5	M	8.9	S	9.9	0	9.7	S	8.0	L	8.9	M	10.0	0	9.1	S	red skin, yf
B2538-5	7.7	S	8.9	S	10.0	0	9.7	S	8.6	M	8.6	S	10.0	0	9.6	S	purple skin
B2676-2	7.4	M	7.9	M	9.1	S	7.7	S	7.8	L	7.9	M	9.4	0	7.3	S	red skin
B2756-7	7.1	M	7.6	M	9.4	S	8.2	S	7.7	L	7.6	M	9.7	S	7.7	S	red skin, yf
BCO01044-2	9.2	S	9.9	S	10.0	0	10.0	S	10.0	M	10.0	S	10.0	0	9.9	M	purple skin, pf
BCO01306-2	9.7	VL	10.0	S	10.0	0	9.3	S	10.0	VL	10.0	S	10.0	0	10.0	S	purple skin, pf
BNC193-1	7.2	M	7.5	S	9.9	0	9.2	S	7.8	M	8.1	S	9.7	0	8.0	S	red & tan skin
BNC201-1	7.0	S	7.2	0	8.3	0	7.8	S	7.1	S	7.5	S	9.2	S	7.8	S	red skin, yf
D.R. Norland	8.2	VL	9.2	M	9.9	0	9.7	S	9.5	VL	9.0	M	10.0	0	9.4	S	red skin
Peter Wilcox	6.2	S	6.8	S	8.9	0	7.4	S	6.1	M	6.9	S	9.4	0	7.6	S	purple skin, yf
Yukon Gold	8.4	S	9.2	0	10.0	0	9.8	S	8.7	S	9.0	S	10.0	0	10.0	S	yf

<sup>2</sup> Chips 1-7 satisfactory. <sup>3</sup> 0 = no sprouts; S < 0.5"; 0.5 ≤ M < 1.5"; 1.5" ≤ L < 2.5"; VL ≥ 2.5".

<sup>4</sup> yf = yellow flesh, pf = purple flesh.