

BARC Table 2. Yield, tuber size distribution, and quality characteristics of specialty market potatoes harvested 125 days after planting on Aroostook State Farm in 2007.

Pedigree	Mkt cwt/A	%Mkt	Tuber Size Distribution					SG	HH ¹	Comments
			< 1 7/8"	1 7/8-2 1/4"	2 1/4 - 3 1/4"	3 1/4 - 4"	>4"			
All Blue	164	67	32.9	64.2	3.0	0.0	0	1.082	0	pur skin, pur flesh
Peter Wilcox	245	92	8.2	57.0	34.8	0.0	0	1.080	0	pur skin, yel flesh
B2152-17	258	86	14.0	55.3	29.5	1.2	0	1.074	0	red skin, yel flesh
B2327-2	250	82	17.5	52.9	29.6	0.0	0	1.073	0	red skin
B2332-2	262	92	8.0	34.4	55.0	2.6	0	1.068	0	red skin
B2527-5	100	46	53.8	43.1	3.1	0.0	0	1.086	0	tan & pink skin, yf
B2527-6	186	67	33.4	54.0	12.6	0.0	0	1.087	0	yel skin, yel flesh
B2538-5	338	96	3.7	42.3	52.8	1.2	0	1.071	0	pur skin
B2541-1	220	78	22.4	57.9	19.1	0.6	0	1.072	0	red skin
BCO01283-2	162	68	31.9	62.4	5.7	0.0	0	1.080	0	red skin
BCO01283-3	274	84	15.8	52.2	31.9	0.0	0	1.071	0	red skin
BCO01306-2	223	76	23.9	57.2	18.9	0.0	0	1.081	2	red skin, red flesh
BCO01306-3	99	43	57.2	40.1	2.7	0.0	0	1.083	0	red skin, red flesh
BCO01357-3	250	84	15.7	57.8	26.5	0.0	0	1.080	0	red skin, pink streaks
BCO01357-4	272	93	6.7	39.5	53.3	0.6	0	1.076	6	red skin, red flesh
BCO01357-5	193	78	22.3	59.3	18.3	0.0	0	1.068	0	pur skin, red flesh
BCO01371-2	145	62	37.9	49.3	12.8	0.0	0	1.062	0	red skin
BCO01401-2	178	73	26.9	60.8	11.4	0.8	0	1.080	0	pur skin, yel flesh
Dark Red Norland	317	93	7.1	51.6	40.9	0.4	0	1.075	0	red skin
Jacqueline Lee	184	61	38.8	57.9	3.3	0.0	0	1.081	0	yel flesh
Red Pontiac	362	94	5.7	27.8	58.5	7.9	0	1.070	2	red skin
Yukon Gold	233	92	7.7	35.3	53.5	3.4	0	1.083	2	yel flesh
LSD (0.05)	63							0.006		

BARC Table 2. Continued.

Temperature Date Pedigree	50F 1/7		45F 1/11	
	Chip ²	Spt ³	Chip	Spt
All Blue	8.3	S	8.3	S
Peter Wilcox	6.8	S	6.0	S
B2152-17	7.8	S	8.3	M
B2327-2	7.6	S	8.0	S
B2332-2	7.5	S	7.8	S
B2527-5	7.4	L	7.3	L
B2527-6	7.6	VL	7.2	L
B2538-5	7.3	S	7.4	S
B2541-1	8.2	S	8.7	S
BCO01283-2	7.2	VL	7.4	VL
BCO01283-3	9.0	M	9.4	L
BCO01306-2	8.5	S	9.1	S
BCO01306-3	9.5	0	9.8	0
BCO01357-3	8.6	S	9.3	S
BCO01357-4	8.6	S	9.1	S
BCO01357-5	8.0	0	8.8	0
BCO01371-2	9.0	L	9.7	M
BCO01401-2	7.9	S	7.8	S
Dark Red Norland	7.8	M	7.7	M
Jacqueline Lee	8.8	S	9.2	S
Red Pontiac	9.5	S	9.1	S
Yukon Gold	8.5	0	8.7	S

¹ Total number of tubers with hollow heart (HH) out of 40.

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