

Multi-Year WA Summaries of Graduating Russet Entries and Reference Varieties

Entry	Year	Early/Late*		Average Tuber				Merit Scores (5 = Best)		
		Harvest Total Yield	US # 1 & 2 Yield > 6 oz	Specific Gravity	Weight/ Number per Plant	Bruise Blackspot/ Shatter	Internal**	Field Performance		Postharvest Processing Performance
								Early/Late Fresh	Early/Late Process	
A02062-1TE (Early Harvest) data only	2014	CWVT/A	% of Total		oz/number	%				
	2014	450	80	1.074	8.6/5.4	none	none	3.5	2.6	-
	2013	477	59	1.069	5.5/8.4	none	none	5.0	4.0	-
	2012	368	50	1.067	5.5/7.5	none	none	2.6	2.2	-
	2011	442	81	1.075	7.6/6.1	0/39	none	4.0	2.2	-
2010	518	87	1.073	7.2/6.4	15/8	none	1.9	2.0	-	
Early to mid harvest variety. Fresh market standout at least one year. Often looks like a long Russet Norkotah. May be too long at times; ends can be pointy. Dark russetting, nice shape overall.										
A02507-2LB	2014	352/684	76	1.090	7.5/7.9	19/75	3% IBS	1.3/2.4	2.0/3.5	4.8
	2013	317/756	77	1.094	7.4/8.3	25/50	21% IBS	0.6/1.8	0.9/3.7	4.4
	2012	312/899	79	1.087	7.7/10.2	3/90	5% IBS	0.6/2.9	3.2/4.2	4.7
	2011	388/816	83	1.096	8.4/8.7	30/50	8% BC, 3% IBS	2.0/3.3	3.2/4.1	4.4
	Late harvest variety. IBS and short/round shape a concern in the Columbia Basin, not recommended for fresh pack due to shape and appearance. Slow emergence, not an early harvest variety. On the other hand, this variety has good dormancy for storage.									
A03158-2TE	2014	543/814	83	1.074	10.1/7.0	13/45	13% HH	3.8/1.8	4.2/3.6	2.6
	2013	505/844	70	1.075	7.3/9.5	33/33	8% HH, 6% IBS	2.9/3.0	2.4/3.4	2.3
	2012	463/872	78	1.077	7.6/9.9	18/71	none	2.5/2.8	4.2/3.4	3.1
	2011	551/892	87	1.081	9.4/8.5	3/42	3% HH	4.4/4.5	4.2/3.3	4.6
	Nice shape, deeper eyes, high market yield. Fresh market standout at least one year. Hollow heart may be an issue in locations with high incidence, 17% HH early harvest 2013, 13% HH early harvest 2011. Specific gravity similar or lower than R. Burbank. Fresh pack or process market, typically mid to late maturity, but could kill early for early to mid harvest.									
AO02060-3	2014	467/672	75	1.079	7.8/7.5	17/40	none	1.4/2.5	2.7/3.2	3.0
	2013	524/696	70	1.080	7.3/7.7	21/44	6% HH, 3% IBS	2.8/0.9	2.9/2.7	2.9
	2012	402/669	65	1.081	6.2/9.4	10/73	none	1.1/1.1	3.1/2.7	3.9
	2011	403/724	83	1.081	8.6/7.4	23/43	none	3.1/2.8	3.1/3.9	4.8
	2010	615/721	67	1.089	6.0/10.4	6/88	none	3.1/2.8	-	-
Mostly nice shape; however, it is somewhat short/round. Fresh market standout at least one year. Skin may produce spotty/non-uniform russetting, which may be an issue for fresh market. A mid to late harvest is preferred with this variety.										
Ranger R.	2014	524/681	76	1.077	8.9/6.6	49/19	3% IBS	NA	4.3/2.5	2.8
	2013	479/821	75	1.085	7.9/8.4	29/45	none	NA	2.7/4.4	3.8
	2012	396/852	86	1.085	9.6/7.7	50/50	3% IBS	NA	3.1/4.6	3.1
	2011	468/735	75	1.086	7.5/8.4	49/46	3% IBS	NA	3.1/3.5	4.1
	2010	630/782	78	1.091	7.6/9.0	29/52	none	NA	3.5/3.7	3.5
Long, shape variable at times, yet uniform other times										
R. Burbank	2014	466/730	63	1.077	9.4/6.8	31/61	3% HH, 6% IBS	0.9/0.4	1.3/1.2	2.0
	2013	364/738	67	1.075	8.0/7.5	22/47	9% HH, 3% BC	1.2/0.6	1.4/1.7	1.9
	2012	364/710	63	1.076	7.0/8.8	27/57	10% HH, 20% BC	0.5/0.9	1.0/1.6	1.9
	2011	487/641	68	1.076	6.8/8.2	6/24	35% HH, 21% BC	2.3/1.3	3.3/1.5	3.9
	2010	676/683	70	1.079	7.1/8.2	19/62	10% HH, 19% BC	1.9/3.0	3.2/2.3	2.4
Shape typically variable, often with many growth cracks and knobs										
R. Norkotah	2014	465/730	73	1.068	7.5/8.0	22/11	none	2.3/3.5	NA	NA
	2013	364/598	58	1.067	5.7/8.5	18/33	3% HH, 3% IBS	2.0/1.0	NA	NA
	2012	355/522	56	1.072	5.7/8.0	14/59	none	1.3/1.2	NA	NA
	2011	360/506	48	1.070	5.1/8.6	0/38	5% HH, 10% BC	1.1/1.6	NA	NA
	Shape and skin typically very uniform, size profile typically on the small side									
Shepody (Early Harvest) only	2014	553	84	1.073	9.9/5.8	13/0	none	NA	3.8	-
	2013	354	77	1.062	7.9/4.4	5/10	none	NA	2.6	-
Early-harvest processing variety. Post-harvest merit not available as this and most varieties typically produce acceptable fries directly from the field.										

*Early Harvest ~ 110 days after planting, Late Harvest ~ 150 DAP.

**HH = Hollow heart, BC = brown center, IBS = internal brown spot.