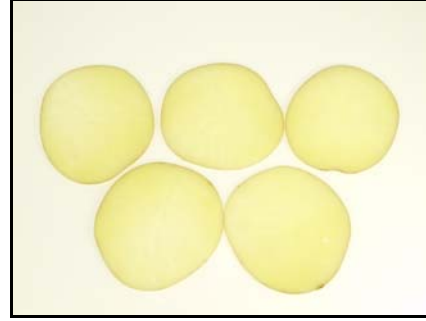


# ADVANCED SPECIALTY VARIETY TRIAL

## 2007 ENTRIES

ENTRY NUMBER	SELECTION	DISPOSITION
1	Yukon Gold	
2	All Blue	
3	PA96RR1-193	2008 Regional Specialty (1 <sup>st</sup> Year)
4	POR01PG45-5	2008 Regional Specialty (1 <sup>st</sup> Year)
5	OR00068-11	2008 Regional Specialty (1 <sup>st</sup> Year)
6	POR03PG12-2	Drop
7	POR03PG23-1	2008 Regional Specialty (1 <sup>st</sup> Year)
8	POR03PG80-2	Return to 2008 Specialty Trial
9	POR04PG01-2	Return to 2008 Specialty Trial
10	POR04PG03-9	Return to 2008 Specialty Trial
11	POR04PG39-2	Drop



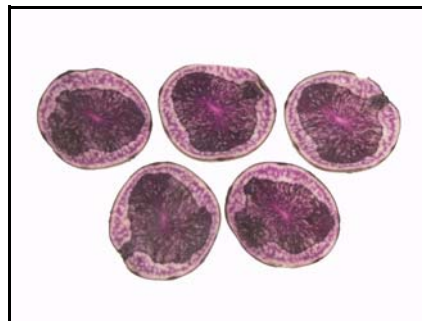
Year: 2007  
 Female Parent: Norgleam  
 Male Parent: W5279-4

Flower (1=white, 3=purple, 5=blue) 3.3  
 Vine Size (1=small to 5=large): 2.5  
 Maturity (1=early to 5=late): 1.5

Skin Color: Yellow  
 Flesh Color: Light yellow  
 Tuber Shape: Slightly oblong

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	273	490	440	465	284
Yield No. 1's:	197	344	343		234
+ 10 oz. (cwt):	34	166	96	188	61
4-10 oz. (cwt):	163	178	247	225	
Yield Under 4/(6 ID) oz (cwt)	76	34	34	31	97
Yield Culls (cwt):	15	111	63	4	
Average Tuber Size (oz):		9.3		7.8	
Length/Width Ratio:					
Specific Gravity:		1.089	1.093	1.083	1.078
Hollow Heart (%):			0	0	20
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			0		
Stem End Discoloration (%)			13		
Russetting (1-5):			1.5		
Shape Uniformity (1-5):		3.5	3.9		
Eye Depth (1-5):		4.0	4.3	4.0	
Greening (1-5):		4.0	4.1		
Growth Cracks (1-5):		4.0	4.5	4.0	5.0
Scab (1-5):				5.0	1.8
Shatter Bruise (1-5):			5.0	5.0	
Knobs (1-5)					4.8
Remarks:					
Toppenish:					
Corvallis:					
K. Falls:	large, smooth, uniform, nice				
Ontario:	k4, yellow2, round2, irreg, some oversize, big, nice, flattened				
Ontario:	Microwaved 11 minutes: moist, creamy smooth, one of best 5 in this trial to eat				
Aberdeen:	Merit=1.3, baked=5.6, microwaved=5.5, boiled=6.0, antioxidant=264				
P. Butte:					

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)



Year:	2007	Flower (1=white, 3=purple, 5=blue)	5
Female Parent:		Vine Size (1=small to 5=large):	4
Male Parent:		Maturity (1=early to 5=late):	4
Skin Color:	Medium purple		
Flesh Color:	Mottled purple center, mottled very light purple vascular		
Tuber Shape:	Oblong		

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	213	611	472	566	375
Yield No. 1's:	82	298	242		178
+ 10 oz. (cwt):	8	122	28	5	20
4-10 oz. (cwt):	74	176	214	244	
Yield Under 4/(6 ID) oz (cwt)	132	169	153	301	167
Yield Culls (cwt):	11	145	77	0	
Average Tuber Size (oz):		6.3		2.9	
Length/Width Ratio:					
Specific Gravity:		1.073	1.089	1.076	1.075
Hollow Heart (%):			0	0	3
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			20		
Stem End Discoloration (%)			18		
Russetting (1-5):			2.6		
Shape Uniformity (1-5):		2.3	2.9		
Eye Depth (1-5):		3.5	2.6	3.0	
Greening (1-5):		5.0	4.8		
Growth Cracks (1-5):		3.0	4.6	4.0	4.8
Scab (1-5):				5.0	4.3
Shatter Bruise (1-5):			5.0	5.0	
Knobs (1-5)					4.5
Remarks:					
Toppenish:					
Corvallis:					
K. Falls:	irregular x3, lumpy x4, bronzing 75%				
Ontario:	d3, k, small3, irreg2, died early, purple skin, round, too long				
Ontario:	Microwaved 11 minutes: slightly bitter				
Aberdeen:	Merit=3.5, baked=4.1, microwaved=4.2, boiled=5.5, antioxidant=785				
P. Butte:					

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)

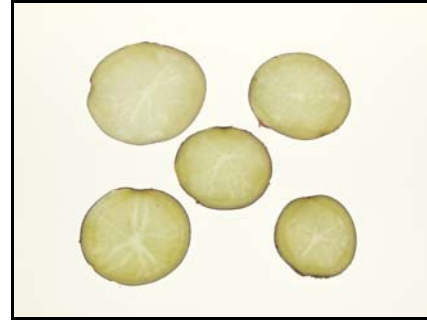


Year: 2007  
 Female Parent: Fontenot  
 Male Parent: 3261-5R  
 Skin Color: Red  
 Flesh Color: Red with white center  
 Tuber Shape: Round

Flower (1=white, 3=purple, 5=blue) 3.5  
 Vine Size (1=small to 5=large): 2  
 Maturity (1=early to 5=late): 2

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	311	657	524	655	388
Yield No. 1's:	94	482	248		233
+ 10 oz. (cwt):	4	82	5	32	6
4-10 oz. (cwt):	90	400	243	432	
Yield Under 4/(6 ID) oz (cwt)	217	107	264	174	308
Yield Culls (cwt):	10	68	11	2	
Average Tuber Size (oz):		4.8		4.2	
Length/Width Ratio:					
Specific Gravity:		1.088	1.090	1.084	1.088
Hollow Heart (%):			0	0	3
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			5		
Stem End Discoloration (%):			13		
Russetting (1-5):			2.0		
Shape Uniformity (1-5):		4.0	4.6		
Eye Depth (1-5):		4.0	4.1	3.0	
Greening (1-5):		5.0	5.0		
Growth Cracks (1-5):		5.0	5.0	4.0	5.0
Scab (1-5):				5.0	3.8
Shatter Bruise (1-5):			5.0	5.0	
Knobs (1-5)					5.0
Remarks:					
Toppenish:					
Corvallis:	Drop				
K. Falls:	uniform x4, nice, small, bronzing 50%, keep				
Ontario:	d4,round2,irreg2,red2,fbe,died early,rot,deep pitted bud end but not folded				
Ontario:	Microwaved 11 minutes: uniform color, sweet, agreeable, best of bunch to eat				
Aberdeen:	Merit=3.8, baked=4.3, microwaved=4.6, boiled=5.8, antioxidant=805				
P. Butte:	Chip 03-bitter, chip 04-bland				

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)



Year: 2007  
 Female Parent: Serrana  
 Male Parent: Red flesh bulk pollen

Flower (1=white, 3=purple, 5=blue) 5  
 Vine Size (1=small to 5=large): 4  
 Maturity (1=early to 5=late): 4

Skin Color: Pale purple  
 Flesh Color: Yellow  
 Tuber Shape: Round to oblong

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	308	712	442	683	379
Yield No. 1's:	147	446	281		295
+ 10 oz. (cwt):	3	130	19	45	50
4-10 oz. (cwt):	144	316	262	453	
Yield Under 4/(6 ID) oz (cwt)	161	103	128	163	182
Yield Culls (cwt):	16	163	33	2	
Average Tuber Size (oz):		6.6		4.6	
Length/Width Ratio:					
Specific Gravity:		1.098	1.088	1.089	1.088
Hollow Heart (%):			0	0	0
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			3		
Stem End Discoloration (%)			18		
Russetting (1-5):			1.6		
Shape Uniformity (1-5):		3.3	4.0		
Eye Depth (1-5):		4.0	4.3	4.0	
Greening (1-5):		4.0	4.6		
Growth Cracks (1-5):		4.0	4.9	4.0	4.0
Scab (1-5):				5.0	4.5
Shatter Bruise (1-5):			5.0	5.0	
Knobs (1-5)					5.0
Remarks:					
Toppenish:					
Corvallis:					
K. Falls:	pointy, nice, smooth skin, keep				
Ontario:	d3, k, purple3, light yellow flesh, lavender, fbe, ah, irreg, pear				
Ontario:	Microwaved 11 minutes: dry, chalky, lighter yellow than Yukon Gold				
Aberdeen:	Merit=3.5				
P. Butte:	Chip 03-ok, chip 04-very good, fry 06=3.4(1-5 best), bake 06=4.1(1-5 best)				

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)



Year: 2007  
 Female Parent: All Blue  
 Male Parent: PA97B29-4

Flower (1=white, 3=purple, 5=blue) 3.5  
 Vine Size (1=small to 5=large): 4  
 Maturity (1=early to 5=late): 2.5

Skin Color: Dark purple  
 Flesh Color: Mottled purple with white center  
 Tuber Shape: Round to oblong

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	272	796	456	848	515
Yield No. 1's:	113	601	262		326
+ 10 oz. (cwt):	6	108	14	45	53
4-10 oz. (cwt):	107	493	248	574	
Yield Under 4/(6 ID) oz (cwt)	158	102	152	209	351
Yield Culls (cwt):	15	92	42	6	
Average Tuber Size (oz):		5.7		4.3	
Length/Width Ratio:					
Specific Gravity:		1.098	1.095	1.099	1.097
Hollow Heart (%):			0	0	0
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			3		
Stem End Discoloration (%):			8		
Russetting (1-5):			2.0		
Shape Uniformity (1-5):		3.4	4.0		
Eye Depth (1-5):		4.0	4.0	3.0	
Greening (1-5):		4.0	4.8		
Growth Cracks (1-5):		4.0	5.0	4.0	5.0
Scab (1-5):				5.0	2.3
Shatter Bruise (1-5):			4.9	5.0	
Knobs (1-5)					5.0
Remarks:					
Toppenish:					
Corvallis:					
K. Falls:		smooth, fair, sticky stolons, look at again			
Ontario:		k4, dark purple3, round3, small, purple skin, russetted, irreg,			
Ontario:		Microwaved 11 minutes: bitter after taste is unacceptable, discard			
Aberdeen:		Merit=3.3			
P. Butte:		Chip 03-slightly bitter, chip 04-mod bitter, fry 06=3.8 (1-5 best)			

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)



Year: 2007  
 Female Parent: Fabula  
 Male Parent: PA99P20-2

Flower (1=white, 3=purple, 5=blue) 3.5  
 Vine Size (1=small to 5=large): 3  
 Maturity (1=early to 5=late): 3

Skin Color: Dark purple  
 Flesh Color: Purple  
 Tuber Shape: Oblong to long

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	238	409	367	410	325
Yield No. 1's:	127	261	217		204
+ 10 oz. (cwt):	3	111	26	15	46
4-10 oz. (cwt):	124	149	192	227	
Yield Under 4/(6 ID) oz (cwt)	111	67	94	160	105
Yield Culls (cwt):	10	81	56	1	
Average Tuber Size (oz):		6.5		3.5	
Length/Width Ratio:					
Specific Gravity:		1.084	1.091	1.089	1.090
Hollow Heart (%):			0	0	13
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			18		
Stem End Discoloration (%)			18		
Russetting (1-5):			1.6		
Shape Uniformity (1-5):		2.8	3.3		
Eye Depth (1-5):		4.1	4.3	4.0	
Greening (1-5):		4.0	5.0		
Growth Cracks (1-5):		4.0	5.0	5.0	5.0
Scab (1-5):				5.0	5.0
Shatter Bruise (1-5):			5.0	5.0	
Knobs (1-5)					3.8
Remarks:					
Toppenish:					
Corvallis:	Drop				
K. Falls:	very pointy x4, bronzing 85%, drop				
Ontario:	d4, pretty skin2, died early, too rough, pe, pear2, Irreg, almost black				
Ontario:	Microwaved 11 minutes: pasty, unacceptable horrible taste, biggest loser				
Aberdeen:	Drop				
P. Butte:	Chip 04-ok				

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)





Year: 2007  
 Female Parent: PA97B35-1  
 Male Parent: PA99P11-2

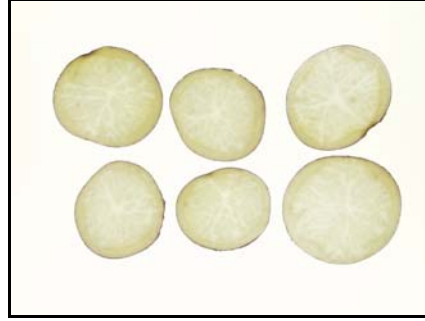
Flower (1=white, 3=purple, 5=blue) 3.5  
 Vine Size (1=small to 5=large): 3  
 Maturity (1=early to 5=late): 3.5

Skin Color: Red with white swirl  
 Flesh Color: Red with white vascular  
 Tuber Shape: Round to oblong

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	261	442	413	545	323
Yield No. 1's:	87	189	164		174
+ 10 oz. (cwt):	3	25	5	0	6
4-10 oz. (cwt):	84	164	159	177	
Yield Under 4/(6 ID) oz (cwt)	174	166	217	359	256
Yield Culls (cwt):	4	88	32	2	
Average Tuber Size (oz):		3.4		2.7	
Length/Width Ratio:					
Specific Gravity:		1.061	1.073	1.069	1.078
Hollow Heart (%):			0	0	0
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			13		
Stem End Discoloration (%)			23		
Russetting (1-5):			2.6		
Shape Uniformity (1-5):		3.3	4.0		
Eye Depth (1-5):		4.0	4.1	4.0	
Greening (1-5):		4.0	4.3		
Growth Cracks (1-5):		4.0	5.0	4.0	4.8
Scab (1-5):				5.0	5.0
Shatter Bruise (1-5):			5.0	5.0	
Knobs (1-5)					4.8
Remarks:					
Toppenish:					
Corvallis:					
K. Falls:	small, round, uniform, fair				
Ontario:	k4; small3, uniformly small, round, round to pe				
Ontario:	Microwaved 11 minutes: good taste, attractive, different flavor				
Aberdeen:	Drop				
P. Butte:	Chip 04-good				

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)





Year: 2007  
 Female Parent: Satina  
 Male Parent: PA99P35-1

Flower (1=white, 3=purple, 5=blue) 3.3  
 Vine Size (1=small to 5=large): 2.5  
 Maturity (1=early to 5=late): 2

Skin Color: Medium purple  
 Flesh Color: Yellow  
 Tuber Shape: Long

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	217	580	519	635	376
Yield No. 1's:	155	440	452		304
+ 10 oz. (cwt):	9	264	198	259	160
4-10 oz. (cwt):	146	177	254	298	
Yield Under 4/(6 ID) oz (cwt)	63	44	18	26	60
Yield Culls (cwt):	16	96	49	3	
Average Tuber Size (oz):		9.3		7.9	
Length/Width Ratio:					
Specific Gravity:		1.070	1.077	1.081	1.062
Hollow Heart (%):			0	0	0
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			13		
Stem End Discoloration (%)			15		
Russetting (1-5):			1.5		
Shape Uniformity (1-5):		2.5	4.3		
Eye Depth (1-5):		4.0	4.0	3.0	
Greening (1-5):		4.0	4.9		
Growth Cracks (1-5):		5.0	5.0	4.0	4.5
Scab (1-5):				5.0	5.0
Shatter Bruise (1-5):			5.0	5.0	
Knobs (1-5)					4.5
Remarks:					
Toppenish:					
Corvallis:	Drop				
K. Falls:	smooth, uniform, skinny, keep				
Ontario:	K3,d,nice,bn,pe,pretty lavender glowing skin,Irreg,too big,swollen lenticels				
Ontario:	Microwaved 11 minutes: flavor similar to Yukon, slightly strange, one of 5 best				
Aberdeen:	Merit=3.8, baked=4.0, microwaved=4.6, boiled=6.1, antioxidant=303				
P. Butte:	Chip 04-very bitter				

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)



Year: 2007  
 Female Parent: POR01PG45-4  
 Male Parent: POR01PG4-6  
 Skin Color: Purple with white smile  
 Flesh Color: Yellow with a purple pattern  
 Tuber Shape: Round

Flower (1=white, 3=purple, 5=blue) 4  
 Vine Size (1=small to 5=large): 3.5  
 Maturity (1=early to 5=late): 3.5

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	364	723	484	715	521
Yield No. 1's:	127	508	347		697
+ 10 oz. (cwt):	4	71	27	83	95
4-10 oz. (cwt):	123	437	319	460	
Yield Under 4/(6 ID) oz (cwt)	237	111	120	147	179
Yield Culls (cwt):	9	105	18	1	
Average Tuber Size (oz):		5.1		4.6	
Length/Width Ratio:					
Specific Gravity:		1.087	1.091	1.082	1.079
Hollow Heart (%):			0	0	0
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			0		
Stem End Discoloration (%):			0		
Russetting (1-5):			1.5		
Shape Uniformity (1-5):		3.0	3.8		
Eye Depth (1-5):		3.8	3.5	3.0	
Greening (1-5):		4.0	4.8		
Growth Cracks (1-5):		4.0	4.6	4.0	4.8
Scab (1-5):				5.0	2.5
Shatter Bruise (1-5):			4.8	5.0	
Knobs (1-5)					3.3
Remarks:					
Toppenish:					
Corvallis:					
K. Falls:			smooth x4, sprouting, not uniform skin pattern, drop		
Ontario:			K3, k, round2, prominent eye brow, uniform size, mottled		
Ontario:			Microwaved 11 minutes: nice texture, OK flavor, some after taste		
Aberdeen:			Merit=2.5		
P. Butte:			Chip 05-excellent		

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)



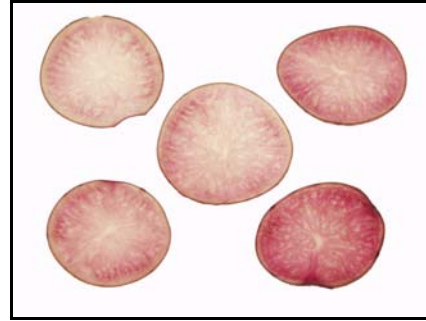
Year: 2007  
 Female Parent: Daena  
 Male Parent: POR01PG4-2

Flower (1=white, 3=purple, 5=blue) 3.5  
 Vine Size (1=small to 5=large): 3.5  
 Maturity (1=early to 5=late): 3.5

Skin Color: Red with white smile  
 Flesh Color: Mottled red  
 Tuber Shape: Oblong

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	309	669	448	727	453
Yield No. 1's:	43	347	212		193
+ 10 oz. (cwt):	0	44	4	47	1
4-10 oz. (cwt):	43	303	208	365	
Yield Under 4/(6 ID) oz (cwt)	266	163	209	308	386
Yield Culls (cwt):	6	158	27	1	
Average Tuber Size (oz):		3.8		3.3	
Length/Width Ratio:					
Specific Gravity:		1.079	1.082	1.081	1.076
Hollow Heart (%):			0	0	5
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			5		
Stem End Discoloration (%)			13		
Russetting (1-5):			1.3		
Shape Uniformity (1-5):		3.0	4.3		
Eye Depth (1-5):		4.0	4.1	4.0	
Greening (1-5):		4.0	4.5		
Growth Cracks (1-5):		4.0	5.0	4.0	4.8
Scab (1-5):				5.0	2.5
Shatter Bruise (1-5):			4.8	5.0	
Knobs (1-5)					4.8
Remarks:					
Toppenish:					
Corvallis:					
K. Falls:			sprouting, sticky stolons, smooth, drop		
Ontario:			k4, round3, irreg, Sos, smooth, pretty		
Ontario:			Microwaved 11 minutes: OK, slightly acid, one of the 5 best		
Aberdeen:			Merit=3.5		
P. Butte:			Chip 05-ok		

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)



Year: 2007  
 Female Parent: Idarose  
 Male Parent: Red Bulk 412  
 Skin Color: Red  
 Flesh Color: Pink  
 Tuber Shape: Large oblong

Flower (1=white, 3=purple, 5=blue)  
 Vine Size (1=small to 5=large): 2.5  
 Maturity (1=early to 5=late): 3.5

	Toppenish	Corvallis	K Falls	Ontario	Aberdeen
Yield Total (cwt):	199	581	452	706	461
Yield No. 1's:	103	316	115		321
+ 10 oz. (cwt):	0	131	17	174	106
4-10 oz. (cwt):	103	186	98	339	
Yield Under 4/(6 ID) oz (cwt)	96	63	38	82	113
Yield Culls (cwt):	43	202	299	5	
Average Tuber Size (oz):		7.5		6.3	
Length/Width Ratio:					
Specific Gravity:		1.070	1.080	1.072	1.072
Hollow Heart (%):			0	0	5
Brown Center (%):			0	0	
Black Spot (%):			0	0	
IBS (%):			0	0	
Vascular Discoloration (%):			5		
Stem End Discoloration (%):			8		
Russetting (1-5):			2.6		
Shape Uniformity (1-5):		2.5	2.9		
Eye Depth (1-5):		4.0	4.0	4.0	
Greening (1-5):		4.0	4.5		
Growth Cracks (1-5):		2.0	1.0	2.5	1.5
Scab (1-5):				5.0	5.0
Shatter Bruise (1-5):			5.0	5.0	
Knobs (1-5)					4.5
Remarks:					
Toppenish:					
Corvallis:	Drop				
K. Falls:	growth cracks x4, poor skin, total junk, drop				
Ontario:	K2, k2, nice2, pretty skin2, big2, pretty pink rose skin, pink interior,irreg				
Ontario:	Microwaved 11 minutes: thick without being dry, yummy, one of 5 best				
Aberdeen:	Drop				
P. Butte:	Chip 05-ok, good dormancy				

Footnotes: Aberdeen Merit Score (1 to 5=exceptionally good), cooking scores (1 to 9=best), antioxidant score (higher best)