OREGON STATEWIDE VARIETY TRIAL

2007 ENTRIES

ENTRY NUMBER	SELECTION	DISPOSITION
1	Russet Burbank	
2	Ranger	
3	Shepody	
4	Norkotah	
5	AO96164-1	Graduate – Proceed with release
6	AO96141-3	Regional (3rd Year)
7	AO96305-3	TriState (2nd Year)
8	AO96365-2	TriState (2nd Year)
9	AO98282-5	TriState (1st Year)
10	AO00057-2	TriState (1st Year)
11	AO98259-6	Drop
12	AO98286-4	Drop
13	AO01057-5	Return to 2008 Statewide Trial
14	AO02027-6	Drop
15	AO02103-1	Drop
16	AO02182-1	Return to 2008 Statewide Trial
17	AO02183-2	Return to 2008 Statewide Trial
18	AO02196-5	Drop
19	OR03029-2	Drop; Use as parent

1 R. Burbank

Year:	2007
Female Parent:	Sport of Burbank
Male Parent:	
Usage:	Multi-Purpose
Status:	Check
Years in Trial:	Check

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1006	308	512	659	614
Rank:	9	17	4	6	5
% RB:	100	100	100	100	100
Yield No. 1's:	561	117	281	265	308
Rank:	17	19	13	18	12
% RB:	100	100	100	100	100
% No. 1's:	56	38	55	40	50
+ 12 oz. (cwt):	174	3	22	93	194
4-12 oz. (cwt):	387	114	259	173	114
Yield No. 2's:	225	11	84	261	83
Yield Under 4 oz (cwt):	91	112	86	41	41
Yield Culls (cwt):	129	67	62	83	182
Average Tuber Size (oz):	7.10	3.94			9.36
Length/Width Ratio:	1.87	1.64		1.94	
Specific Gravity:	1.081	1.073	1.093	1.075	1.091
Fry Color (Photovolt):	30.0	33.2		39.1	
Fry Color (0-4):	1.63	1.21		0.45	
Sugar Ends (%):	50	0		3	
Hollow Heart (%):	1	3	0	0	4
Brown Center (%):	2	3	0		3
Black Spot (%):	9	3	5		
IBS (%):	6	0	25	3	
Vascular Discoloration (%)*	0	8	5	0	0
Flower Color (1-5):		1.0			
Vine Size (1-5):		3.5			
Maturity (1-5):	3.4	3.5	2.4		
Skin Color (1-5):	3.0	3.4	4.1		
Russetting (1-5):	3.0	3.5	4.4		
Tuber Shape (1-5):	4.9	3.8	4.1		3.1
Uniformity-Size (1-5):		2.6	4.0		
Uniformity-Shape (1-5):	2.5	1.0	4.0		2.5
Eye Depth (1-5):	4.0	3.0	4.0		3.6
Greening (1-5):		4.8	4.1		3.0
Growth Cracks (1-5):	3.8	5.0	3.6		3.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	5.0	4.0	4.6		

Hermiston:	BN/DB(4), Lots SR,
P. Butte:	Irreg(2), junk(2), knobs, rough, very irreg
K. Falls:	dumbells x2, irreg. x4
Malheur:	D4, every defect, c, C, k, junk, GC, DB, BN, rough
Corvallis:	

* KF vascular discoloration = vascular discoloration + stem end browning

2 Ranger

Year:	2007
Female Parent:	Butte
Male Parent:	A6595-3
Usage:	Multi-Purpose
Status:	Check
Years in Trial:	Check

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	883	351	504	607	535
Rank:	12	10	6	9	13
% RB:	88	114	98	92	87
Yield No. 1's:	780	181	350	444	296
Rank:	10	16	7	12	14
% RB:	139	155	125	167	96
% No. 1's:	88	52	69	73	55
+ 12 oz. (cwt):	410	96	126	230	175
4-12 oz. (cwt):	370	85	225	213	121
Yield No. 2's:	37	37	60	99	75
Yield Under 4 oz (cwt):	55	23	74	27	63
Yield Culls (cwt):	11	107	20	35	101
Average Tuber Size (oz):	9.10	8.62			9.94
Length/Width Ratio:	1.87	2.15		1.95	
Specific Gravity:	1.084	1.085	1.096	1.089	1.092
Fry Color (Photovolt):	37.5	32.7		45.3	
Fry Color (0-4):	0.66	1.28		0.00	
Sugar Ends (%):	0	3		3	
Hollow Heart (%):	0	0	0	0	3
Brown Center (%):	0	0	0		8
Black Spot (%):	31	0	0		
IBS (%):	2	0	33	0	
Vascular Discoloration (%)*	0	10	8	0	0
Flower Color (1-5):		3.5			
Vine Size (1-5):		3.5			
Maturity (1-5):	4.3	3.5	3.4		
Skin Color (1-5):	4.0	3.6	4.0		
Russetting (1-5):	4.0	3.8	4.3		
Tuber Shape (1-5):	4.9	5.0	5.0		3.0
Uniformity-Size (1-5):		2.5	3.9		
Uniformity-Shape (1-5):	4.5	2.0	3.9		2.8
Eye Depth (1-5):	3.8	2.8	3.0		4.0
Greening (1-5):		4.0	4.0		4.0
Growth Cracks (1-5):	4.5	5.0	4.0		3.0
Scab (1-5):	5.0	4.5	5.0		
Shatter Bruise (1-5):	5.0	4.5	4.3		

Hermiston:	vice/v. nice RGR(2),
P. Butte:	Irreg, kind of rough, megaknobs, junk, rough, 10% translucent ends
K. Falls:	lumpy x2, long, skinny, 25% CRS
Malheur:	d3, D, knobs4, c3, Irreg3, gc, fbe, pe
Corvallis:	

* KF vascular discoloration = vascular discoloration + stem end browning

3 Shepody

Year:	2007
Female Parent:	Bake King
Male Parent:	F58050
Usage:	Early Process
Status:	Check
Years in Trial:	Check

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1165	354	468	645	613
Rank:	3	9	9	8	6
% RB:	116	115	91	98	100
Yield No. 1's:	764	224	270	425	202
Rank:	11	13	14	13	17
% RB:	136	191	96	160	66
% No. 1's:	66	63	58	66	33
+ 12 oz. (cwt):	474	51	107	240	96
4-12 oz. (cwt):	290	173	164	185	106
Yield No. 2's:	177	22	115	136	126
Yield Under 4 oz (cwt):	42	37	37	17	40
Yield Culls (cwt):	182	71	46	64	245
Average Tuber Size (oz):	11.20	7.12			10.65
Length/Width Ratio:	1.72	1.80		1.44	
Specific Gravity:	1.076	1.075	1.086	1.087	1.082
Fry Color (Photovolt):	28.4	29.2		42.6	
Fry Color (0-4):	1.83	1.73		0.00	
Sugar Ends (%):	38	8		0	
Hollow Heart (%):	1	0	0	0	10
Brown Center (%):	1	0	0		11
Black Spot (%):	13	0	0		
IBS (%):	4	0	18	5	
Vascular Discoloration (%)*	0	23	10	0	3
Flower Color (1-5):		3.3			
Vine Size (1-5):		3.5			
Maturity (1-5):	3.0	2.5	2.5		
Skin Color (1-5):	1.0	2.0	1.0		
Russetting (1-5):	1.0	2.5	1.8		
Tuber Shape (1-5):	4.3	3.5	3.9		3.0
Uniformity-Size (1-5):		1.8	2.8		
Uniformity-Shape (1-5):	2.4	2.0	2.8		2.9
Eye Depth (1-5):	5.0	4.0	4.0		4.3
Greening (1-5):		4.1	3.8		2.0
Growth Cracks (1-5):	4.0	4.5	4.5		2.0
Scab (1-5):	4.6	1.0	5.0		
Shatter Bruise (1-5):	5.0	4.8	4.3		

Hermiston: Knobs/BN(3), Crooks(2),
P. Butte: Rough(2), ugly(2), irreg(3), 20% translucent ends
K. Falls: irregular, large
Malheur: D3, k, gc2, irreg2, pe, db, DB, GC, BN, skin disease, rough , heart, c, knobs,
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

4 Norkotah

Year:	2007
Female Parent:	ND9526-4
Male Parent:	ND9687-5
Usage:	Fresh Market
Status:	Check
Years in Trial:	Check

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	737	237	497	552	454
Rank:	17	19	7	12	19
% RB:	73	77	97	84	74
Yield No. 1's:	613	168	402	418	333
Rank:	15	17	3	14	10
% RB:	109	144	143	157	108
% No. 1's:	83	71	81	76	73
+ 12 oz. (cwt):	148	26	116	166	149
4-12 oz. (cwt):	465	142	286	251	184
Yield No. 2's:	36	9	29	91	45
Yield Under 4 oz (cwt):	79	33	51	31	45
Yield Culls (cwt):	9	27	15	10	31
Average Tuber Size (oz):	6.70	6.19			8.69
Length/Width Ratio:	1.83	1.87		1.85	
Specific Gravity:	1.068	1.071	1.078	1.069	1.072
Fry Color (Photovolt):	31.0	37.3		32.8	
Fry Color (0-4):	1.50	0.68		1.27	
Sugar Ends (%):	23	0		3	
Hollow Heart (%):	0	3	15	0	4
Brown Center (%):	0	0	0		4
Black Spot (%):	7	0	0		
IBS (%):	0	0	0	0	
Vascular Discoloration (%)*	0	3	3	0	0
Flower Color (1-5):		1.0			
Vine Size (1-5):		1.5			
Maturity (1-5):	1.0	1.5	1.6		
Skin Color (1-5):	4.0	4.0	4.3		
Russetting (1-5):	4.0	4.0	4.5		
Tuber Shape (1-5):	4.7	4.1	4.8		3.0
Uniformity-Size (1-5):		3.4	4.3		
Uniformity-Shape (1-5):	5.0	3.4	4.3		3.3
Eye Depth (1-5):	4.0	3.8	3.9		3.9
Greening (1-5):		4.8	4.3		4.0
Growth Cracks (1-5):	5.0	5.0	5.0		4.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	5.0	4.3	4.5		

Hermiston: nice,
P. Butte: OK, OK shape, a few crooks, nice, 23% translucent ends
K. Falls: nice, uniform
Malheur: k2,d, D, pe3, knobs2, C,c, BN, skin disease, water rot, heart
Corvallis:

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5 AO96164-1

Year:	2007
Female Parent:	A89384-10
Male Parent:	A91194-4
Usage:	Multi-Purpose
Status:	Regional (3)
Years in Trial:	7

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1038	423	425	698	614
Rank:	7	3	15	3	4
% RB:	103	137	83	106	100
Yield No. 1's:	881	200	296	523	393
Rank:	7	15	11	5	5
% RB:	157	171	105	197	128
% No. 1's:	85	47	70	75	64
+ 12 oz. (cwt):	330	56	42	214	213
4-12 oz. (cwt):	551	144	254	309	180
Yield No. 2's:	66	69	29	134	65
Yield Under 4 oz (cwt):	70	58	89	36	76
Yield Culls (cwt):	21	96	10	2	81
Average Tuber Size (oz):	8.40	6.39			8.87
Length/Width Ratio:	1.74	2.02		1.77	
Specific Gravity:	1.079	1.073	1.087	1.086	1.088
Fry Color (Photovolt):	41.7	36.0		52.6	
Fry Color (0-4):	0.11	0.85		0.00	
Sugar Ends (%):	0	3		0	
Hollow Heart (%):	0	0	0	0	1
Brown Center (%):	0	0	0		9
Black Spot (%):	13	3	0		
IBS (%):	1	0	13	0	
Vascular Discoloration (%)*	0	3	5	0	1
Flower Color (1-5):		1.0			
Vine Size (1-5):		4.0			
Maturity (1-5):	3.5	3.5	2.1		
Skin Color (1-5):	3.8	3.5	4.0		
Russetting (1-5):	3.9	3.4	4.3		
Tuber Shape (1-5):	4.4	4.4	4.1		3.1
Uniformity-Size (1-5):		2.3	3.8		
Uniformity-Shape (1-5):	4.3	2.6	3.8		3.4
Eye Depth (1-5):	4.5	3.9	4.1		4.0
Greening (1-5):		4.0	4.0		4.0
Growth Cracks (1-5):	4.8	5.0	4.9		4.0
Scab (1-5):	5.0	4.8	5.0		
Shatter Bruise (1-5):	4.1	3.8	4.3		

Hermiston: Little flat(2), some RND,
P. Butte: Irreg(2), drop, pointed, a few points(2), flat, 8% translucent ends
K. Falls: pear x3, flat, drop, 13% CRS
Malheur: D3, d, pear3, pe2, jelly end rot, heart
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

6 AO96141-3

Year:	2007
Female Parent:	A89222-3
Male Parent:	COA90064-6
Usage:	Multi-Purpose
Status:	Regional (2)
Years in Trial:	5

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1154	556	565	729	625
Rank:	5	1	2	2	3
% RB:	115	181	110	111	102
Yield No. 1's:	914	392	355	467	361
Rank:	5	1	6	6	8
% RB:	163	335	126	176	117
% No. 1's:	79	71	63	64	58
+ 12 oz. (cwt):	242	135	145	129	151
4-12 oz. (cwt):	673	257	209	338	210
Yield No. 2's:	138	26	98	184	72
Yield Under 4 oz (cwt):	73	45	73	55	120
Yield Culls (cwt):	29	94	39	23	72
Average Tuber Size (oz):	7.80	9.61			7.46
Length/Width Ratio:	1.95	2.19		1.79	
Specific Gravity:	1.090	1.089	1.101	1.093	1.099
Fry Color (Photovolt):	43.8	38.9		51.9	
Fry Color (0-4):	0.00	0.48		0.00	
Sugar Ends (%):	0	0		0	
Hollow Heart (%):	0	0	13	0	24
Brown Center (%):	0	0	0		10
Black Spot (%):	2	3	0		
IBS (%):	1	3	0	0	
Vascular Discoloration (%)*	0	0	5	0	1
Flower Color (1-5):		1.0			
Vine Size (1-5):		3.5			
Maturity (1-5):	4.0	4.5	3.6		
Skin Color (1-5):	3.1	3.5	4.0		
Russetting (1-5):	3.1	3.8	4.8		
Tuber Shape (1-5):	5.0	5.0	4.9		3.3
Uniformity-Size (1-5):		3.1	4.0		
Uniformity-Shape (1-5):	4.3	3.5	4.0		2.8
Eye Depth (1-5):	4.0	3.6	3.8		4.0
Greening (1-5):		4.1	3.9		4.0
Growth Cracks (1-5):	4.6	4.8	5.0		4.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	5.0	4.8	4.1		

Hermiston: nice, OK, Pear(2), lots DB,
P. Butte: Mostly OK(2), long(2), kind of rough, pointed, 5% IPS, 13% TE
K. Falls: typy, lenticil problem x 3, Drop
Malheur: D3, k, gc3, knobs2, pear2, PE, pe, c, 2nd growth, irreg, bn
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

7 AO96305-3

Year:	2007
Female Parent:	A91018-6
Male Parent:	A89152-4
Usage:	Multi-Purpose
Status:	TriState (1)
Years in Trial:	3

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	741	288	416	547	597
Rank:	16	18	16	14	8
% RB:	74	94	81	83	97
Yield No. 1's:	614	232	248	450	401
Rank:	14	11	15	10	3
% RB:	109	198	88	170	130
% No. 1's:	83	81	60	82	67
+ 12 oz. (cwt):	175	48	34	162	160
4-12 oz. (cwt):	438	184	214	288	241
Yield No. 2's:	57	2	4	59	35
Yield Under 4 oz (cwt):	49	33	156	34	119
Yield Culls (cwt):	21	20	8	2	42
Average Tuber Size (oz):	7.60	6.84			7.33
Length/Width Ratio:	2.09	2.23		2.03	
Specific Gravity:	1.079	1.082	1.093	1.085	1.088
Fry Color (Photovolt):	45.2	50.5		51.1	
Fry Color (0-4):	0.00	0.00		0.00	
Sugar Ends (%):	10	0		0	
Hollow Heart (%):	0	0	0	0	3
Brown Center (%):	0	0	0		5
Black Spot (%):	2	3	0		
IBS (%):	2	0	20	0	
Vascular Discoloration (%)*	0	8	0	0	0
Flower Color (1-5):		3.8			
Vine Size (1-5):		3.0			
Maturity (1-5):	4.0	3.0	2.5		
Skin Color (1-5):	2.4	3.1	3.8		
Russetting (1-5):	2.1	3.4	4.0		
Tuber Shape (1-5):	5.0	4.4	4.1		3.4
Uniformity-Size (1-5):		3.0	4.5		
Uniformity-Shape (1-5):	5.0	4.0	4.5		3.1
Eye Depth (1-5):	5.0	4.0	4.1		4.0
Greening (1-5):		4.8	4.1		4.0
Growth Cracks (1-5):	4.0	5.0	5.0		4.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	4.4	4.8	4.5		

Hermiston: Thin(3), BEGC(2), Discard,
P. Butte: Good shape, nice(2), uniform, very nice, keep
K. Falls: typy, smooth, smallish, skinny, uniform, keep, 13% CRS
Malheur: k2, D, K, c3, gc2, pe, thin, L-shaped, irreg
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

8 AO96365-2

Year:	2007
Female Parent:	A91141-1
Male Parent:	Ranger
Usage:	Multi-Purpose
Status:	TriState (1)
Years in Trial:	3

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1176	379	587	665	641
Rank:	2	6	1	5	1
% RB:	117	123	115	101	104
Yield No. 1's:	951	270	479	531	414
Rank:	3	5	1	4	2
% RB:	170	231	170	200	134
% No. 1's:	81	71	82	80	65
+ 12 oz. (cwt):	337	78	90	171	149
4-12 oz. (cwt):	613	192	389	361	265
Yield No. 2's:	93	8	37	80	54
Yield Under 4 oz (cwt):	106	48	66	45	68
Yield Culls (cwt):	26	53	6	8	105
Average Tuber Size (oz):	7.40	7.10			8.69
Length/Width Ratio:	1.69	1.86		1.52	
Specific Gravity:	1.077	1.079	1.092	1.085	1.091
Fry Color (Photovolt):	29.8	36.6		43.8	
Fry Color (0-4):	1.65	0.77		0.00	
Sugar Ends (%):	13	0		0	
Hollow Heart (%):	0	0	0	0	1
Brown Center (%):	0	0	0		5
Black Spot (%):	8	5	0		
IBS (%):	0	0	3	0	
Vascular Discoloration (%)*	2	3	10	0	0
Flower Color (1-5):		3.5			
Vine Size (1-5):		3.5			
Maturity (1-5):	4.9	3.5	3.5		
Skin Color (1-5):	4.0	3.9	4.0		
Russetting (1-5):	4.0	3.9	5.0		
Tuber Shape (1-5):	4.2	4.0	3.0		2.8
Uniformity-Size (1-5):		3.3	2.5		
Uniformity-Shape (1-5):	3.9	3.4	2.5		3.1
Eye Depth (1-5):	4.0	3.5	3.5		3.5
Greening (1-5):		4.8	4.0		4.0
Growth Cracks (1-5):	4.3	4.5	5.0		3.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	5.0	4.3	4.3		

Hermiston: OK(2), CR, RNDs, Pear,
P. Butte: Very nice, mostly OK(2), mediocre
K. Falls: round, chipper?, drop, 8% CRS
Malheur: d2, k2, ah2, Irreg2, gc, round to pear, pe, knob, GC, heart, c, round, fbe
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

9 AO98282-5

Year:	2007
Female Parent:	A9367-3BSR
Male Parent:	A93157-6
Usage:	Multi-Purpose
Status:	
Years in Trial:	3

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1159	379	518	807	595
Rank:	4	7	3	1	9
% RB:	115	123	101	122	97
Yield No. 1's:	913	276	386	648	305
Rank:	6	4	4	1	13
% RB:	163	236	137	244	99
% No. 1's:	79	73	74	80	51
+ 12 oz. (cwt):	355	88	96	277	100
4-12 oz. (cwt):	558	188	289	371	205
Yield No. 2's:	121	11	34	106	76
Yield Under 4 oz (cwt):	98	55	67	36	136
Yield Culls (cwt):	26	38	32	16	78
Average Tuber Size (oz):	7.60	6.84			6.27
Length/Width Ratio:	1.99	2.07		1.85	
Specific Gravity:	1.090	1.092	1.100	1.099	1.102
Fry Color (Photovolt):	36.8	46.6		50.8	
Fry Color (0-4):	0.76	0.00		0.00	
Sugar Ends (%):	35	0		0	
Hollow Heart (%):	2	5	3	0	14
Brown Center (%):	0	0	0		5
Black Spot (%):	0	0	0		
IBS (%):	0	0	0	0	
Vascular Discoloration (%)*	4	23	8	0	0
Flower Color (1-5):		1.0			
Vine Size (1-5):		4.0			
Maturity (1-5):	4.6	3.5	2.8		
Skin Color (1-5):	4.0	4.0	4.0		
Russetting (1-5):	4.0	4.1	5.0		
Tuber Shape (1-5):	5.0	4.5	4.0		3.3
Uniformity-Size (1-5):		3.0	3.9		
Uniformity-Shape (1-5):	4.8	4.0	3.9		2.5
Eye Depth (1-5):	4.0	3.4	3.5		4.0
Greening (1-5):		4.5	4.1		4.0
Growth Cracks (1-5):	4.9	5.0	4.5		4.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	4.3	4.5	4.0		

Hermiston:	CR(4), Pear, Nice shp/clr/rus,
P. Butte:	Nice(2), a few points, very nice
K. Falls:	large, little pointy, fair, keep
Malheur:	k3, d, irreg3, pe2, gc2, heart2, nice,bn
Corvallis:	

* KF vascular discoloration = vascular discoloration + stem end browning

10 AO00057-2

Year:	2007
Female Parent:	A91048-3
Male Parent:	A93116-3BSR
Usage:	Multi-Purpose
Status:	
Years in Trial:	2

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	771	334	430	524	554
Rank:	15	13	13	15	11
% RB:	77	108	84	79	90
Yield No. 1's:	674	265	336	455	400
Rank:	13	6	8	9	4
% RB:	120	226	120	172	130
% No. 1's:	87	79	78	87	72
+ 12 oz. (cwt):	275	48	94	250	158
4-12 oz. (cwt):	399	217	242	205	242
Yield No. 2's:	32	5	37	49	52
Yield Under 4 oz (cwt):	58	38	43	17	52
Yield Culls (cwt):	8	25	14	3	50
Average Tuber Size (oz):	8.00	6.51			9.13
Length/Width Ratio:	1.69	1.70		1.74	
Specific Gravity:	1.082	1.080	1.089	1.089	1.088
Fry Color (Photovolt):	40.1	45.4		50.3	
Fry Color (0-4):	0.32	0.00		0.00	
Sugar Ends (%):	0	0		0	
Hollow Heart (%):	0	0	0	0	3
Brown Center (%):	0	0	0		5
Black Spot (%):	8	3	0		
IBS (%):	5	0	13	0	
Vascular Discoloration (%)*	0	3	5	0	1
Flower Color (1-5):		1.0			
Vine Size (1-5):		3.0			
Maturity (1-5):	3.8	3.5	3.1		
Skin Color (1-5):	3.5	3.9	4.0		
Russetting (1-5):	3.6	3.9	4.5		
Tuber Shape (1-5):	4.2	3.9	3.8		3.1
Uniformity-Size (1-5):		3.3	4.0		
Uniformity-Shape (1-5):	4.5	4.0	4.0		2.8
Eye Depth (1-5):	4.0	4.0	4.1		4.0
Greening (1-5):		4.5	4.1		4.0
Growth Cracks (1-5):	4.4	4.8	4.9		4.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	4.0	4.5	4.1		

Hermiston: good shp, some nice, little flat,
P. Butte: A few rough tubers-most OK, very nice, OK, superb!
K. Falls: sticky stolons, flat, typy, keep, 5% CRS
Malheur: k2, d2, c3, gc3, rough, flat, nice, some oversize, pe, bn, knobs
Corvallis: Keep

* KF vascular discoloration = vascular discoloration + stem end browning

11 AO98259-6

Year:	2007
Female Parent:	A9308-2
Male Parent:	A93116-3BSR
Usage:	Multi-Purpose
Status:	
Years in Trial:	1

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	524	350	371	474	516
Rank:	19	11	19	18	16
% RB:	52	114	72	72	84
Yield No. 1's:	463	239	284	350	371
Rank:	19	10	12	16	7
% RB:	83	204	101	132	120
% No. 1's:	88	68	77	74	72
+ 12 oz. (cwt):	136	52	40	83	227
4-12 oz. (cwt):	327	187	244	267	143
Yield No. 2's:	8	5	34	98	51
Yield Under 4 oz (cwt):	43	36	34	18	32
Yield Culls (cwt):	11	71	19	7	61
Average Tuber Size (oz):	7.20	6.97			10.55
Length/Width Ratio:	1.48	1.54		1.53	
Specific Gravity:	1.076	1.077	1.084	1.085	1.083
Fry Color (Photovolt):	36.1	30.5		49.5	
Fry Color (0-4):	0.84	1.56		0.00	
Sugar Ends (%):	3	0		0	
Hollow Heart (%):	0	0	0	0	0
Brown Center (%):	0	3	0		15
Black Spot (%):	6	0	0		
IBS (%):	6	0	15	0	
Vascular Discoloration (%)*	1	15	0	0	0
Flower Color (1-5):		1.0			
Vine Size (1-5):		2.5			
Maturity (1-5):	3.5	3.0	2.8		
Skin Color (1-5):	3.3	3.9	4.0		
Russetting (1-5):	3.0	3.9	4.5		
Tuber Shape (1-5):	3.3	3.5	3.8		2.4
Uniformity-Size (1-5):		2.9	3.5		
Uniformity-Shape (1-5):	4.8	3.4	3.5		2.8
Eye Depth (1-5):	4.0	3.4	3.8		4.0
Greening (1-5):		4.3	4.1		4.0
Growth Cracks (1-5):	4.1	3.6	3.4		3.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	3.4	5.0	4.3		

Hermiston: lots RND, Too RND(2), Discard(3),
P. Butte: Growth cracks(4), so-so, OK shape, some are rough
K. Falls: round, pears, drop
Malheur: D4, pear3, ah3, AH, knob, heart, gc, fbe
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

12 AO98286-4

Year:	2007
Female Parent:	A9396-1
Male Parent:	A93116-3BSR
Usage:	Fresh Market
Status:	
Years in Trial:	1

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	788	358	474	656	599
Rank:	14	8	8	7	7
% RB:	78	116	92	100	98
Yield No. 1's:	681	260	363	537	373
Rank:	12	7	5	3	6
% RB:	121	222	129	202	121
% No. 1's:	86	73	77	82	62
+ 12 oz. (cwt):	178	87	57	242	143
4-12 oz. (cwt):	503	173	305	295	230
Yield No. 2's:	36	7	31	70	65
Yield Under 4 oz (cwt):	64	45	54	33	91
Yield Culls (cwt):	6	46	26	15	70
Average Tuber Size (oz):	6.50	6.94			7.46
Length/Width Ratio:	1.60	1.67		1.66	
Specific Gravity:	1.065	1.067	1.077	1.073	1.066
Fry Color (Photovolt):	28.4	29.3		35.9	
Fry Color (0-4):	1.84	1.72		0.87	
Sugar Ends (%):	13	5		0	
Hollow Heart (%):	0	0	0	0	0
Brown Center (%):	0	0	3		3
Black Spot (%):	4	0	0		
IBS (%):	0	0	28	0	
Vascular Discoloration (%)*	0	3	0	0	0
Flower Color (1-5):		1.0			
Vine Size (1-5):		3.0			
Maturity (1-5):	1.5	2.5	2.6		
Skin Color (1-5):	2.3	2.5	3.0		
Russetting (1-5):	2.1	2.8	3.0		
Tuber Shape (1-5):	3.8	3.4	3.5		3.0
Uniformity-Size (1-5):		2.8	3.8		
Uniformity-Shape (1-5):	3.8	3.3	3.8		3.3
Eye Depth (1-5):	4.8	4.0	4.3		4.0
Greening (1-5):		4.0	4.3		4.0
Growth Cracks (1-5):	5.0	5.0	4.9		4.0
Scab (1-5):	5.0	2.0	5.0		
Shatter Bruise (1-5):	4.0	4.5	4.4		

Hermiston: No Yld, Blocky, some RND, Lots RND, Too many RND,
P. Butte: White(4), mostly OK, shape OK, irreg, somewhat flat
K. Falls: smooth, irregular, CRS, fair, 25% CRS
Malheur: k3, d, heart4, irreg3, smooth, some misshapen, water rot, knob
Corvallis: Keep

* KF vascular discoloration = vascular discoloration + stem end browning

13 AO01057-5

Year:	2007
Female Parent:	A93445-5
Male Parent:	A86102-6
Usage:	Multi-Purpose
Status:	
Years in Trial:	1

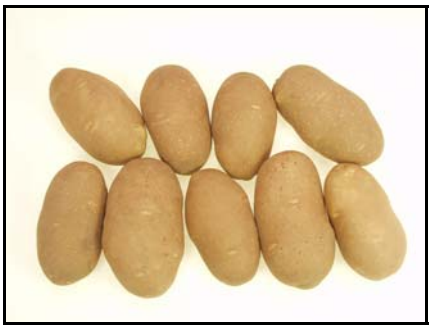
	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1018	397	505	549	633
Rank:	8	5	5	13	2
% RB:	101	129	98	83	103
Yield No. 1's:	949	323	430	460	448
Rank:	4	3	2	7	1
% RB:	169	276	153	173	145
% No. 1's:	93	81	85	84	71
+ 12 oz. (cwt):	294	130	127	196	254
4-12 oz. (cwt):	655	193	304	264	195
Yield No. 2's:	17	9	24	58	44
Yield Under 4 oz (cwt):	48	39	43	31	55
Yield Culls (cwt):	4	26	8	1	86
Average Tuber Size (oz):	8.00	7.67			8.52
Length/Width Ratio:	1.80	1.83		1.65	
Specific Gravity:	1.076	1.077	1.088	1.079	1.081
Fry Color (Photovolt):	36.9	35.3		42.3	
Fry Color (0-4):	0.74	0.94		0.04	
Sugar Ends (%):	13	3		0	
Hollow Heart (%):	0	0	0	0	1
Brown Center (%):	0	0	0		1
Black Spot (%):	10	0	0		
IBS (%):	1	0	3	0	
Vascular Discoloration (%)*	0	5	3	0	0
Flower Color (1-5):		1.0			
Vine Size (1-5):		3.5			
Maturity (1-5):	3.8	2.5	2.3		
Skin Color (1-5):	3.3	3.6	4.1		
Russetting (1-5):	3.1	3.8	4.8		
Tuber Shape (1-5):	4.6	4.0	3.6		2.9
Uniformity-Size (1-5):		3.5	4.1		
Uniformity-Shape (1-5):	5.0	4.0	4.1		3.1
Eye Depth (1-5):	3.9	3.6	3.8		4.0
Greening (1-5):		4.3	4.0		4.0
Growth Cracks (1-5):	5.0	5.0	5.0		4.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	4.8	3.8	4.3		

Hermiston: Blky,(2), very unif, v. nice shp/clr/rus(2),
P. Butte: Very nice, almost perfect, OK, nice, 5% translucent ends
K. Falls: blocky, short, process?
Malheur: k2, D, d, blocky2, pear2, nice, rough, irreg
Corvallis: Keep

* KF vascular discoloration = vascular discoloration + stem end browning

14 AO02027-6

Year:	2007
Female Parent:	A92294-6
Male Parent:	Stampede
Usage:	Multi-Purpose
Status:	
Years in Trial:	1



	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	939	320	450	585	470
Rank:	11	14	10	10	18
% RB:	93	104	88	89	77
Yield No. 1's:	864	204	218	457	241
Rank:	8	14	18	8	15
% RB:	154	174	78	172	78
% No. 1's:	92	64	48	78	51
+ 12 oz. (cwt):	503	25	17	196	78
4-12 oz. (cwt):	362	179	201	261	163
Yield No. 2's:	18	2	117	100	59
Yield Under 4 oz (cwt):	23	79	61	22	61
Yield Culls (cwt):	33	35	54	5	109
Average Tuber Size (oz):	10.40	5.14			9.25
Length/Width Ratio:	1.53	1.81		1.82	
Specific Gravity:	1.080	1.083	1.091	1.082	1.104
Fry Color (Photovolt):	38.9	40.2		48.5	
Fry Color (0-4):	0.47	0.31		0.00	
Sugar Ends (%):	10	3		0	
Hollow Heart (%):	0	0	0	0	4
Brown Center (%):	0	0	0		3
Black Spot (%):	10	5	0		
IBS (%):	0	0	8	0	
Vascular Discoloration (%)*	1	3	18	0	3
Flower Color (1-5):		4.0			
Vine Size (1-5):		4.5			
Maturity (1-5):	2.8	3.0	1.9		
Skin Color (1-5):	3.8	4.6	4.0		
Russetting (1-5):	4.0	4.6	4.3		
Tuber Shape (1-5):	3.5	3.5	3.9		3.6
Uniformity-Size (1-5):		3.5	2.9		
Uniformity-Shape (1-5):	5.0	3.4	2.9		2.6
Eye Depth (1-5):	4.5	3.5	3.8		4.1
Greening (1-5):		4.5	4.0		3.0
Growth Cracks (1-5):	3.8	3.6	2.1		2.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	1.9	3.0	3.4		

Hermiston: too RND(2), little SR, SB, Discard(3),
P. Butte: Growth cracks(3), junk, drop, ugly, irreg(2), poor
K. Falls: cracks x4, pointy, lumpy, junk, drop, 3% CRS
Malheur: d2, k, D, pe3, pear2, rough, slightly rough, GC, scab, jelly end rot, knob
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

15 AO02103-1

Year:	2007
Female Parent:	A94053-5
Male Parent:	A96095-3
Usage:	Multi-Purpose
Status:	
Years in Trial:	1

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	628	310	438	430	544
Rank:	18	16	12	19	12
% RB:	62	101	86	65	89
Yield No. 1's:	563	230	323	323	346
Rank:	16	12	10	17	9
% RB:	100	197	115	122	112
% No. 1's:	90	74	74	75	64
+ 12 oz. (cwt):	207	75	95	121	132
4-12 oz. (cwt):	356	155	228	203	214
Yield No. 2's:	17	6	60	72	69
Yield Under 4 oz (cwt):	47	50	30	24	65
Yield Culls (cwt):	1	25	26	8	63
Average Tuber Size (oz):	8.10	6.36			8.42
Length/Width Ratio:	1.73	1.65		1.76	
Specific Gravity:	1.067	1.071	1.086	1.075	1.080
Fry Color (Photovolt):	38.9	40.9		48.4	
Fry Color (0-4):	0.48	0.22		0.00	
Sugar Ends (%):	5	0		0	
Hollow Heart (%):	1	0	0	0	3
Brown Center (%):	1	3	0		14
Black Spot (%):	3	0	0		
IBS (%):	0	0	25	0	
Vascular Discoloration (%)*	3	18	10	0	4
Flower Color (1-5):		1.0			
Vine Size (1-5):		2.0			
Maturity (1-5):	1.1	2.0	2.6		
Skin Color (1-5):	4.1	4.0	4.4		
Russetting (1-5):	4.0	4.4	5.0		
Tuber Shape (1-5):	4.3	3.6	3.8		3.0
Uniformity-Size (1-5):		2.9	3.0		
Uniformity-Shape (1-5):	4.5	3.4	3.0		2.8
Eye Depth (1-5):	4.0	3.3	3.4		4.3
Greening (1-5):		4.5	4.0		4.0
Growth Cracks (1-5):	5.0	4.8	3.8		3.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	2.3	3.5	3.8		

Hermiston: some RND, lots size vari.,
P. Butte: Deep eyes, somewhat rough, nice, mostly OK, irreg
K. Falls: rough, mishapen, drop, 8% CRS
Malheur: D3, d, Irreg2, pear2, AH2, died early, jelly rot, rough skin, pe
Corvallis: Keep

* KF vascular discoloration = vascular discoloration + stem end browning

16 AO02182-1

Year:	2007
Female Parent:	A97235-6
Male Parent:	Stampede
Usage:	Multi-Purpose
Status:	
Years in Trial:	1

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1152	431	410	570	524
Rank:	6	2	17	11	15
% RB:	115	140	80	86	85
Yield No. 1's:	968	329	327	448	317
Rank:	2	2	9	11	11
% RB:	173	281	116	169	103
% No. 1's:	84	76	80	79	60
+ 12 oz. (cwt):	506	79	103	230	175
4-12 oz. (cwt):	461	250	224	218	142
Yield No. 2's:	85	5	24	89	44
Yield Under 4 oz (cwt):	58	63	47	31	70
Yield Culls (cwt):	41	34	13	2	93
Average Tuber Size (oz):	9.60	7.67			9.03
Length/Width Ratio:	1.90	1.87		1.97	
Specific Gravity:	1.071	1.072	1.078	1.074	1.079
Fry Color (Photovolt):	31.2	28.1		42.0	
Fry Color (0-4):	1.47	1.87		0.08	
Sugar Ends (%):	5	0		0	
Hollow Heart (%):	0	0	0	0	9
Brown Center (%):	0	0	0		3
Black Spot (%):	9	8	0		
IBS (%):	11	3	5	0	
Vascular Discoloration (%)*	6	3	3	0	0
Flower Color (1-5):		4.0			
Vine Size (1-5):		5.0			
Maturity (1-5):	4.1	4.5	1.9		
Skin Color (1-5):	4.1	4.4	4.1		
Russetting (1-5):	4.0	4.0	4.1		
Tuber Shape (1-5):	5.0	4.1	4.5		3.5
Uniformity-Size (1-5):		3.0	4.3		
Uniformity-Shape (1-5):	4.8	3.9	4.3		3.4
Eye Depth (1-5):	5.0	4.0	4.1		4.1
Greening (1-5):		4.3	4.1		4.0
Growth Cracks (1-5):	4.4	5.0	5.0		2.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	4.8	4.0	4.3		

Hermiston: little green, some BN/Pear(2), nice shp/clr/rus(3), OK,
P. Butte: Heavy russet, mediocre, good shape, smooth, slightly irreg(2)
K. Falls: typy, smooth, pink eyes, keep, 8% CRS
Malheur: d2, D, k, c2, rough, gc, misshapen, rough skin, irreg
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

17 AO02183-2

Year:	2007
Female Parent:	A97236-3
Male Parent:	A93157-6LS
Usage:	Multi-Purpose
Status:	
Years in Trial:	1

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	1317	409	443	694	556
Rank:	1	4	11	4	10
% RB:	131	133	86	105	91
Yield No. 1's:	1189	252	223	554	215
Rank:	1	8	17	2	16
% RB:	212	215	79	209	70
% No. 1's:	90	62	50	80	39
+ 12 oz. (cwt):	707	14	62	263	111
4-12 oz. (cwt):	482	238	161	291	104
Yield No. 2's:	51	5	35	87	96
Yield Under 4 oz (cwt):	60	121	151	39	113
Yield Culls (cwt):	18	32	34	13	132
Average Tuber Size (oz):	9.80	4.55			7.25
Length/Width Ratio:	1.93	2.01		1.95	
Specific Gravity:	1.088	1.084	1.100	1.086	1.093
Fry Color (Photovolt):	47.4	35.0		52.1	
Fry Color (0-4):	0.00	0.98		0.00	
Sugar Ends (%):	0	10		0	
Hollow Heart (%):	0	0	5	0	16
Brown Center (%):	1	0	0		8
Black Spot (%):	4	0	0		
IBS (%):	4	0	20	3	
Vascular Discoloration (%)*	2	3	5	0	11
Flower Color (1-5):		1.0			
Vine Size (1-5):		5.0			
Maturity (1-5):	3.9	3.5	3.4		
Skin Color (1-5):	3.0	3.9	4.0		
Russetting (1-5):	3.5	3.6	4.8		
Tuber Shape (1-5):	5.0	4.0	5.0		3.8
Uniformity-Size (1-5):		3.8	4.3		
Uniformity-Shape (1-5):	5.0	3.9	4.3		2.9
Eye Depth (1-5):	3.5	3.0	3.9		3.8
Greening (1-5):		4.3	4.1		4.0
Growth Cracks (1-5):	5.0	5.0	4.9		4.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	5.0	4.5	4.0		

Hermiston:	CR, Keep, Nice shp/clr/rus(3), eyes?,
P. Butte:	Lots of eyes(4), a few points(2), small, OK shape
K. Falls:	skinny, 2 1/4", lots of eyes, fair, drop
Malheur:	k2, D,d, pe3, irreg2, long, gc, heart, c, skin disease, pear
Corvallis:	

* KF vascular discoloration = vascular discoloration + stem end browning

18 AO02196-5

Year:	2007
Female Parent:	A97299-1
Male Parent:	Legend
Usage:	Multi-Purpose
Status:	
Years in Trial:	1

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	976	341	426	481	535
Rank:	10	12	14	16	14
% RB:	97	111	83	73	87
Yield No. 1's:	860	242	236	388	182
Rank:	9	9	16	15	19
% RB:	153	207	84	146	59
% No. 1's:	88	71	55	81	34
+ 12 oz. (cwt):	340	12	44	214	73
4-12 oz. (cwt):	520	230	192	173	109
Yield No. 2's:	55	2	76	76	86
Yield Under 4 oz (cwt):	35	62	68	14	80
Yield Culls (cwt):	26	37	46	2	187
Average Tuber Size (oz):	8.80	5.53			8.13
Length/Width Ratio:	2.02	1.94		1.88	
Specific Gravity:	1.089	1.092	1.101	1.094	1.099
Fry Color (Photovolt):	44.5	45.1		51.9	
Fry Color (0-4):	0.00	0.00		0.00	
Sugar Ends (%):	0	0		0	
Hollow Heart (%):	0	0	0	0	0
Brown Center (%):	0	0	0		0
Black Spot (%):	10	3	0		
IBS (%):	0	0	10	0	
Vascular Discoloration (%)*	1	3	3	0	0
Flower Color (1-5):		1.0			
Vine Size (1-5):		3.0			
Maturity (1-5):	4.8	3.0	3.8		
Skin Color (1-5):	3.4	3.9	4.1		
Russetting (1-5):	3.6	3.8	4.5		
Tuber Shape (1-5):	5.0	3.8	4.1		3.6
Uniformity-Size (1-5):		3.1	3.6		
Uniformity-Shape (1-5):	5.0	2.3	3.6		3.1
Eye Depth (1-5):	5.0	4.4	4.1		4.3
Greening (1-5):		4.3	3.6		4.0
Growth Cracks (1-5):	5.0	5.0	4.5		3.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	2.3	3.5	3.9		

Hermiston: protruding eyes(2), discard, good shp, nice shp/clr/rus,
P. Butte: Lumpy, pop-eyes(2), drop(2), irreg, rough(2), all PVY(no seed)
K. Falls: lumpy, enlarged eyes, rot, junk, drop, 3% CRS
Malheur: k3, K, irreg2, heart, knobs, smooth, very nice, skin disease
Corvallis:

* KF vascular discoloration = vascular discoloration + stem end browning

19 OR03029-2

Year:	2007
Female Parent:	AO96250-1
Male Parent:	AND9952-7RUS
Usage:	Multi-Purpose
Status:	
Years in Trial:	1

	Hermiston	P Butte	K Falls	Malheur	Corvallis
Yield Total (cwt):	852	316	390	480	506
Rank:	13	15	18	17	17
% RB:	85	103	76	73	82
Yield No. 1's:	509	155	167	253	200
Rank:	18	18	19	19	18
% RB:	91	132	60	95	65
% No. 1's:	60	49	43	53	40
+ 12 oz. (cwt):	0	10	4	10	54
4-12 oz. (cwt):	509	145	163	243	146
Yield No. 2's:	20	1	18	4	76
Yield Under 4 oz (cwt):	307	129	196	222	168
Yield Culls (cwt):	15	32	9	0	62
Average Tuber Size (oz):	3.80	3.82			5.47
Length/Width Ratio:	1.72	2.04		1.54	
Specific Gravity:	1.095	1.095	1.106	1.100	1.107
Fry Color (Photovolt):	38.3	44.3		51.7	
Fry Color (0-4):	0.55	0.00		0.00	
Sugar Ends (%):	0	0		0	
Hollow Heart (%):	0	3	0	0	34
Brown Center (%):	1	0	0		4
Black Spot (%):	2	0	0		
IBS (%):	7	0	0	0	
Vascular Discoloration (%)*	4	25	0	0	0
Flower Color (1-5):		1.0			
Vine Size (1-5):		4.5			
Maturity (1-5):	4.3	4.5	2.9		
Skin Color (1-5):	4.0	4.3	4.1		
Russetting (1-5):	4.0	4.3	5.0		
Tuber Shape (1-5):	4.3	4.0	2.8		3.0
Uniformity-Size (1-5):		3.9	4.1		
Uniformity-Shape (1-5):	5.0	3.8	4.1		3.5
Eye Depth (1-5):	4.3	4.1	4.3		4.3
Greening (1-5):		4.5	4.4		4.0
Growth Cracks (1-5):	5.0	4.5	5.0		4.0
Scab (1-5):	5.0	5.0	5.0		
Shatter Bruise (1-5):	5.0	4.5	4.6		

Hermiston: All small(4), discard,
P. Butte: Skin cracks, drop, pop-eyes, ugly, cracks, knobs, heavy russet, skinny tubers
K. Falls: small, elephant hide, round, drop
Malheur: D4, AH2, ah2, tiny, too small, too little, small round
Corvallis: Highly resistant to late blight

* KF vascular discoloration = vascular discoloration + stem end browning