

# 2009 WESTERN REGIONAL POTATO VARIETY TRIAL REPORT

State Experiment Stations and  
USDA-ARS Cooperating

California

Colorado

Idaho

Oregon

Texas

Washington



## 2009 WESTERN REGIONAL POTATO VARIETY TRIAL REPORT

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**Western Regional Potato Variety Trial Reports (1998-2009) can be accessed at the following websight:**

[www.ars.usda.gov/main/docs.htm?docid=3019](http://www.ars.usda.gov/main/docs.htm?docid=3019)

Compiled by Brian Schneider

**TABLE 1: 2009 Western Regional Potato Variety Trial - LOCATIONS, COOPERATORS, AND CULTURAL INFORMATION**

No.	Locations	Cooperators	Trial	Irrigation	Fertilizer	Planting	Harvest	Days to	Days to	Herbicides	Pesticides Applied <sup>1</sup>		
					N-P-K-S(lb/A)	Date	Date	Vine Kill	Harvest		Insecticides	Fungicides	
1	Tulelake California <b>(TUL)</b>	D. Kirby, R. Wilson	Late	Sprink.	165-211-28-88	13-May	5-Oct	124	145	Sencor DF Matrix	Movento Avaunt	Bravo, Dithane, Manzate, Maxim Quadris	
										Reglone			
2	San Luis Valley Colorado <b>(SLV)</b>	D. Holm, F. Goktepe	Late	Pivot	120-60-40-25+	19-May	30-Sep	113	134	Dual Magnum	Endigo ZC Fulfill	Bravo WS Quadris	
										Sulfuric Acid			
3	Aberdeen Idaho <b>(AB)</b>	J. Stark, R. Novy, J. Whitworth, P. Bain, M. Chappell	Late	Sprink.	250-115-0-60	7-May	22-Sep	118	138	Eptam, Matrix Metri DF	Admire Pro	Dithane, Equus	
										Mechanical			
4	Parma Idaho <b>(PAR)</b>	M. Thornton, B. Buhrig, A. French, M. Martin	Early	Sprink.	155-200-125	8-Apr	6-Aug	114	120	<b>Prowl, Outlook</b>		<b>Vapam, Gavel, Bravo</b>	
			Late	Sprink.	270-200-125	23-Apr	23-Sep	138	153	<b>Matrix, Eptam</b>	Temik, Leverage	<b>Amistar, Headline</b> Endura, Dithane	
										Mechanical			
5	Hermiston Oregon <b>(HRM)</b>	D. Hane	Early	Pivot	210-80-0-40	3-Apr	11-Aug	115	130	<b>Eptam, Matrix</b>	<b>Mocap, Admire</b>	<b>Vapam, Ridomil Gold</b>	
			Late	Pivot	275-80-0-40	6-Apr	18-Sep	151	165		<b>Asana, Monitor</b> Onager	<b>Bravo, Dithane,</b> <b>Quadris, Omega</b>	
										Mech/Enquik			
6	Klamath Falls Oregon <b>(KLA)</b>	B. Charlton, D. Culp	Late	Sprink.	170-75-100-205	19-May	6-Oct	115	140	Matrix MZ	Admire Pro Leverage	Topps MZ, Quadris Ridomil Gold, Bravo	
										Mech/Reglone			
7	Springlake Texas <b>(SPR)</b>	J. C. Miller Jr., J. Koym, D. Schuering	Early	Pivot	201-33-33-24	8-Apr	17-Aug	125	131	Sencor, Matrix Roundup	Movento, Rimon	Bravo, Dithane, Quadris, Nu Cop	
										Mechanical			
8	Othello <b>(OTH)</b> Othello <b>(OTH)</b> Washington	M. Pavek, R. Knowles	Early	Linear	210-225-180	7-Apr	11-Aug	114	126	<b>Sencor, Matrix</b>	<b>Platinum</b>	<b>Penncozeb, Omega</b>	
			Late	Linear	180-225-100	20-Apr	21-Sep	150	154	<b>Chateau, Prowl</b>	<b>Acramite</b>	<b>Oberon 4SC, Quadris</b>	
										Mechanical			

<sup>1</sup>**Bold indicates use in both early and late trials.**

**TABLE 2: 2009 Western Regional Potato Variety Trial - CLONE, PARENTAGE, FLOWER COLOR, ENTRY SUBMISSION, USE, TRIAL, YEARS IN TRIAL, SEED SOURCE, STAND, TUBER AND VINE CHARACTERISTICS**

No.	Clone	Parents	Flower Color <sup>1</sup>	Entered by	Use	Trial	Year in Trial	Seed Source	Stand <sup>2</sup>	Tuber and Vine Descriptions from Trial Observations <sup>2</sup>				
										Tuber Shape (1-5) <sup>3</sup>	Tuber Skin (1-5) <sup>4</sup>	Vine Size (1-5) <sup>5</sup>	Vine Maturity (1-5) <sup>6</sup>	Stems/Hill
1	Ranger Russet	Butte A6595-3	RP	Ck	Dual	E/L	-	OR	96	Long 4.6	Med Russet 3.7	Med-Large 3.4	Medium 3.4	1.9
2	Russet Burbank	Early Rose ?	W	Ck	Dual	E/L	-	OR	97	Long 4.3	Med Russet 3.8	Med-Large 3.8	Med Early 3.0	2.1
3	Russet Norkotah	ND9687-5Rus ND9526-4Rus	W	Ck	Fresh	E/L	-	OR	95	Long 4.1	Med Hvy Rus 4.1	Medium 2.8	Early 2.0	2.4
4	A96814-65LB	AWN86514-2 A91194-3	W	ID	Proc	E/L	1	OR	94	Oblong 3.3	Med Russet 3.1	Med-Large 3.6	Medium 3.2	1.7
5	A97066-42LB	AWN86514-2 A86102-6	W	ID	Proc	E/L	2	OR	94	Obl-Lng 3.7	Light Russet 2.1	Med-Large 3.1	Med-Late 4.0	1.4
6	A98345-1	Ranger R Premier	W	ID	Dual	E/L	1	OR	96	Oblong 3.4	Light Russet 2.4	Med-Large 3.8	Med-Late 3.6	1.9
7	A0008-1TE	Blazer Russet Classic	W	ID	Dual	E/L	2	OR	94	Obl-Lng 4.0	Med Russet 3.4	Medium 2.7	Early 2.5	2.3
8	AC99375-1RU	AWN86514-2 A89384-10	W	CO	Dual	E/L	1	CO	91	Obl-Lng 3.7	Med Russet 3.7	Med-Large 4.0	Late 4.1	2.2
9	AO96305-3	A91018-6 A89152-4	RP	OR	Dual	E/L	1	OR	96	Long 4.5	Med Russet 3.1	Medium 3.0	Med Early 2.9	2.5
10	AO96365-2	A91141-1 Ranger	RP	OR	Dual	E/L	1	OR	96	Oblong 3.4	Med Russet 4.0	Med-Large 3.3	Med-Late 3.6	1.9
11	CO97087-2RU	CO87009-4 W1005	W	CO	Dual	E/L	3	CO	94	Obl-Lng 3.8	Med Russet 3.8	Med-Large 3.6	Med Early 3.0	2.7
12	CO98067-7RU	Silverton Russet TC1675-1	W	CO	Dual	E/L	2	CO	96	Obl-Lng 3.6	Med Russet 4.0	Med-Large 3.4	Early 2.4	3.1
13	CO98368-2RU	Russet Nugget Bannock Russet	P	CO	Fresh	E/L	2	CO	94	Obl-Lng 3.9	Med Russet 3.5	Medium 2.7	Early 2.0	2.8
14	CO99053-3RU	AC91014-2 Silverton Russet	W	CO	Dual	E/L	1	CO	95	Long 4.3	Med Russet 3.8	Med-Large 3.4	Med-Late 4.0	2.6
15	CO99053-4RU	AC91014-2 Silverton Russet	W	CO	Dual	E/L	1	CO	94	Long 4.3	Med Russet 3.5	Medium 2.9	Early 2.0	2.7
16	CO99100-1RU	AC93047-1 Silverton Russet	W	CO	Dual	E/L	1	CO	93	Obl-Lng 3.9	Med Russet 3.8	Medium 2.9	Early 1.8	2.4
17	PA00N14-2	PA95A14-22 (Bulk Rus + Gem)	W	WA	Dual	E/L	1	OR	95	Long 4.7	Light Russet 3.0	Med-Large 3.1	Early 2.3	2.2
18	PA99N2-1	A084275-3 G6582-3	W	WA	Proc	E/L	2	OR	94	Oblong 2.9	Med Russet 3.5	Med-Large 3.3	Med-Late 3.7	2.6
19	PA99N82-4	PA95B4-149 Rus bulk	W	WA	Proc	E/L	2	OR	98	Rnd-Obl 2.5	Med Hvy Rus 4.5	Medium 2.7	Medium 3.4	2.1

<sup>1</sup> P=Purple, R=Red, W=White

<sup>2</sup> Numerical values are means of all trial locations.

<sup>3</sup> 1.0-2.0=Round, 2.1-2.5=Round-Oblong, 2.6-3.5=Oblong, 3.6-4.0=Oblong-Long, 4.1-5.0=Long

<sup>4</sup> 1.0-2.0=White, 2.1-3.0=Light Russet, 3.1-4.0=Medium Russet, 4.1-4.5=Medium Heavy Russet, 4.6-5.0 Heavy Russet

<sup>5</sup> 1.0-2.5=Small, 2.6-3.0=Medium, 3.1-4.0=Medium-Large, 4.1-4.5=Large, 4.6-5.0=Very Large

<sup>6</sup> 1.0-2.5=Early, 2.6-3.0=Medium-Early, 3.1-3.5=Medium, 3.6-4.0=Medium-Late, 4.1-4.5=Late, 4.6-5.0=Very Late

**TABLE 3: 2009 Western Regional Potato Variety Trial - TOTAL YIELD (CWT/A) - EARLY AND LATE HARVEST**

No. Clone	Total Yield - Early Harvest (CWT/A)						Total Yield - Late Harvest (CWT/A)										
	ID PAR	OR HRM	TX SPR	WA OTH	Entry Mean/Rank		CA TUL	CO SLV	ID AB PAR	OR HRM KLA	WA OTH	Entry Mean/Rank					
1 RANGER R.	458	570	404	475	<b>477</b>	<b>8</b>	<b>abc</b>	505	468	465	639	817	642	814	<b>621</b>	<b>9</b>	<b>bcdefg</b>
2 R. BURBANK	461	598	447	457	<b>491</b>	<b>7</b>	<b>abc</b>	456	522	408	650	936	677	852	<b>643</b>	<b>5</b>	<b>bcde</b>
3 R. NORKOTAH	580	513	449	518	<b>515</b>	<b>4</b>	<b>ab</b>	394	482	329	701	550	530	663	<b>521</b>	<b>16</b>	<b>hij</b>
4 A96814-65LB	426	588	220	473	<b>427</b>	<b>17</b>	<b>bc</b>	522	446	425	631	890	612	946	<b>639</b>	<b>6</b>	<b>bcdef</b>
5 A97066-42LB	429	499	432	313	<b>418</b>	<b>18</b>	<b>bc</b>	472	448	413	601	812	520	871	<b>591</b>	<b>12</b>	<b>defgh</b>
6 A98345-1	340	703	335	442	<b>455</b>	<b>13</b>	<b>abc</b>	596	484	475	688	1101	681	1130	<b>736</b>	<b>1</b>	<b>a</b>
7 A0008-1TE	568	673	433	473	<b>537</b>	<b>2</b>	<b>a</b>	437	407	358	662	797	525	653	<b>548</b>	<b>14</b>	<b>fghij</b>
8 AC99375-1RU	432	685	310	389	<b>454</b>	<b>14</b>	<b>abc</b>	470	527	478	551	1210	595	975	<b>686</b>	<b>3</b>	<b>abc</b>
9 AO96305-3	449	477	394	483	<b>451</b>	<b>15</b>	<b>abc</b>	440	415	439	631	563	534	739	<b>537</b>	<b>15</b>	<b>ghij</b>
10 AO96365-2	424	586	424	420	<b>463</b>	<b>11</b>	<b>abc</b>	509	517	502	694	957	651	857	<b>670</b>	<b>4</b>	<b>abcd</b>
11 CO97087-2RU	564	717	423	486	<b>548</b>	<b>1</b>	<b>a</b>	394	454	423	753	1070	501	607	<b>600</b>	<b>11</b>	<b>cdefgh</b>
12 CO98067-7RU	570	732	297	497	<b>524</b>	<b>3</b>	<b>ab</b>	333	488	355	736	899	652	880	<b>621</b>	<b>9</b>	<b>bcdefg</b>
13 CO98368-2RU	408	325	373	514	<b>405</b>	<b>19</b>	<b>c</b>	330	425	325	616	439	518	606	<b>466</b>	<b>19</b>	<b>j</b>
14 CO99053-3RU	458	456	383	414	<b>428</b>	<b>16</b>	<b>bc</b>	435	525	549	722	817	590	824	<b>638</b>	<b>7</b>	<b>bcdef</b>
15 CO99053-4RU	545	530	346	577	<b>499</b>	<b>6</b>	<b>abc</b>	326	373	336	586	573	473	650	<b>474</b>	<b>18</b>	<b>ij</b>
16 CO99100-1RU	533	521	278	497	<b>457</b>	<b>12</b>	<b>abc</b>	334	369	334	597	640	504	672	<b>493</b>	<b>17</b>	<b>ij</b>
17 PA00N14-2	500	575	298	504	<b>469</b>	<b>10</b>	<b>abc</b>	514	447	444	658	656	546	679	<b>563</b>	<b>13</b>	<b>efghi</b>
18 PA99N2-1	502	569	310	499	<b>470</b>	<b>9</b>	<b>abc</b>	548	530	548	776	919	607	950	<b>697</b>	<b>2</b>	<b>ab</b>
19 PA99N82-4	394	714	443	484	<b>509</b>	<b>5</b>	<b>abc</b>	530	413	409	618	978	562	918	<b>633</b>	<b>8</b>	<b>bcdef</b>
<b>Location Means</b>	<b>476</b>	<b>581</b>	<b>368</b>	<b>469</b>	<b>474</b>			<b>450</b>	<b>460</b>	<b>422</b>	<b>658</b>	<b>822</b>	<b>575</b>	<b>805</b>	<b>599</b>		

Means followed by the same letter are not significantly different at the 5% level using Student's t test.

**TABLE 4: 2009 Western Regional Potato Variety Trial - YIELD OF U.S. #1'S [CWT/A (upper) and % (lower)] - EARLY AND LATE HARVEST**

No. Clone	U.S. No. 1's - Early Harvest (CWT/A) and %							U.S. No. 1's - Late Harvest (CWT/A) and %									
	ID	OR	TX	WA	Entry		CA	CO	ID		OR	WA	Entry				
	PAR	HRM	SPR	OTH	Mean/Rank		TUL	SLV	AB	PAR	HRM	KLA	OTH	Mean/Rank			
1 RANGER R.	345	500	299	463	402	9	abcd	405	354	365	567	702	376	758	504	7	cdefg
	75	88	74	97	84	6		80	76	78	89	86	59	93	80	10	
2 R. BURBANK	320	428	199	401	337	18	cd	319	272	289	558	587	389	786	457	13	efghi
	69	72	45	88	68	19		70	52	71	86	63	57	92	70	19	
3 R. NORKOTAH	545	441	390	489	466	1	a	302	348	236	641	458	366	604	422	15	ghij
	94	86	87	94	90	1		77	72	72	91	83	69	91	79	13	
4 A96814-65LB	394	516	173	449	383	12	abcd	446	381	389	612	736	404	895	552	3	bc
	92	88	78	95	88	2		85	85	92	97	83	66	95	86	1	
5 A97066-42LB	378	459	316	258	353	17	bcd	344	357	355	540	733	247	807	483	10	cdefgh
	88	92	73	82	84	6		73	80	86	90	90	47	93	80	10	
6 A98345-1	286	656	214	395	388	11	abcd	502	374	429	624	970	496	1084	640	1	a
	84	93	64	89	83	11		84	77	90	91	88	73	96	86	1	
7 A0008-1TE	369	607	324	425	431	5	abc	380	339	296	532	715	370	606	463	12	defgh
	65	90	75	90	80	15		87	83	83	80	90	70	93	84	4	
8 AC99375-1RU	337	553	205	324	355	16	bcd	363	409	352	480	737	292	896	504	7	cdefg
	78	81	66	83	77	17		77	78	74	87	61	49	92	74	16	
9 AO96305-3	235	422	318	465	360	14	abcd	370	320	394	516	450	359	695	443	14	fghi
	52	88	81	96	79	16		84	77	90	82	80	67	94	82	6	
10 AO96365-2	361	485	288	372	377	13	abcd	413	365	437	622	725	476	785	546	4	bcd
	85	83	68	88	81	14		81	70	87	90	76	73	92	81	7	
11 CO97087-2RU	481	590	323	427	455	2	ab	306	367	336	696	341	306	538	413	16	hij
	85	82	76	88	83	11		78	81	79	92	32	61	89	73	17	
12 CO98067-7RU	492	626	220	439	444	3	abc	231	356	192	677	727	415	787	484	9	cdefgh
	86	86	74	88	84	6		69	73	54	92	81	64	89	75	15	
13 CO98368-2RU	343	184	292	423	310	19	d	239	275	209	554	264	314	528	340	19	j
	84	57	78	82	75	18		72	65	64	90	60	61	87	71	18	
14 CO99053-3RU	402	378	269	377	356	15	bcd	352	466	441	665	666	399	789	540	5	bcde
	88	83	70	91	83	11		81	89	80	92	82	68	96	84	4	
15 CO99053-4RU	437	463	258	532	423	6	abc	261	291	227	533	455	266	581	373	18	ij
	80	87	75	92	84	6		80	78	68	91	79	56	89	77	14	
16 CO99100-1RU	416	451	231	470	392	10	abcd	234	313	272	523	502	351	613	401	17	hij
	78	87	83	95	86	4		70	85	81	88	78	70	91	80	10	
17 PA00N14-2	468	522	206	473	417	7	abcd	455	251	395	602	611	311	641	467	11	defgh
	94	91	69	94	87	3		89	56	89	92	93	57	94	81	7	
18 PA99N2-1	438	502	215	456	403	8	abcd	414	449	475	718	823	415	914	601	2	ab
	87	88	70	91	84	6		76	85	87	92	90	68	96	85	3	
19 PA99N82-4	358	623	359	410	438	4	abc	412	328	357	564	785	398	742	512	6	cdef
	91	87	81	85	86	4		78	79	87	91	80	71	81	81	7	
<b>Location Means</b>	390	495	268	424	394			355	348	339	591	631	366	739	481		
	80	84	73	90	82			78	76	77	89	75	63	92	78		

Means followed by the same letter are not significantly different at the 5% level using Student's t test.

**TABLE 5: 2009 Western Regional Potato Variety Trial - YIELD > 10/12 OZ [CWT/A (upper) & % (lower)] - EARLY AND LATE HARVEST**

No. Clone	U.S. No. 1's > 10/12 OZ - Early Harvest (CWT/A) and %					U.S. No. 1's > 10/12 OZ - Late Harvest (CWT/A) and %							
	ID	OR	TX	WA	Entry	CA	CO	ID	OR	WA	Entry		
	PAR	HRM	SPR	OTH	Mean/Rank	TUL <sup>1</sup>	SLV	AB	PAR	HRM	KLA	OTH	Mean/Rank
1 RANGER R.	186	138	82	267	168 3 ab	54	70	102	332	398	96	498	221 7 bcdef
	41	24	20	56	35 2	11	15	22	52	49	15	61	32 5
2 R. BURBANK	36	70	38	131	69 16 de	18	31	58	236	176	41	395	137 11 fghi
	8	12	8	29	14 16	4	6	14	36	19	6	46	19 13
3 R. NORKOTAH	283	81	78	244	171 2 ab	13	82	29	217	115	74	167	100 16 ghi
	49	16	17	47	32 4	3	17	9	31	21	14	25	17 15
4 A96814-65LB	194	167	16	258	159 4 abc	78	132	101	343	267	67	647	233 5 bcde
	46	28	7	55	34 3	15	30	24	54	30	11	68	33 4
5 A97066-42LB	52	146	53	26	69 16 de	100	137	138	304	518	54	563	259 2 ab
	12	29	12	8	16 13	21	31	33	51	64	10	65	39 1
6 A98345-1	54	299	23	243	155 6 abc	76	58	129	391	692	149	818	331 1 a
	16	43	7	55	30 6	13	12	27	57	63	22	72	38 2
7 A0008-1TE	167	361	68	254	213 1 a	28	55	20	283	461	51	306	172 8 cdefg
	29	54	16	54	38 1	6	14	6	43	58	10	47	26 8
8 AC99375-1RU	12	84	36	76	52 18 e	43	105	110	186	191	40	447	160 9 defgh
	3	12	12	19	12 18	9	20	23	34	16	7	46	22 10
9 AO96305-3	57	29	42	186	79 13 cde	4	67	80	279	117	16	310	125 13 ghi
	13	6	11	39	17 12	1	16	18	44	21	3	42	21 11
10 AO96365-2	65	105	27	89	72 14 de	28	45	82	257	184	87	350	148 10 efgh
	15	18	6	21	15 14	6	9	16	37	19	13	41	20 12
11 CO97087-2RU	163	191	50	178	145 7 abcd	57	75	22	227	86	84	247	114 15 ghi
	29	27	12	37	26 8	14	17	5	30	8	17	41	19 13
12 CO98067-7RU	87	108	41	88	81 12 cde	16	51	0	175	192	61	309	115 14 ghi
	15	15	14	18	15 14	5	10	0	24	21	9	35	15 17
13 CO98368-2RU	29	8	32	35	26 19 e	7	37	2	166	17	18	152	57 19 i
	7	2	9	7	6 19	2	9	1	27	4	3	25	10 19
14 CO99053-3RU	115	58	93	144	102 9 bcde	83	245	131	365	358	67	554	258 3 abc
	25	13	24	35	24 9	19	47	24	51	44	11	67	38 2
15 CO99053-4RU	120	92	55	121	97 10 bcde	15	74	10	159	108	28	215	87 17 ghi
	22	17	16	21	19 10	5	20	3	27	19	6	33	16 16
16 CO99100-1RU	171	70	42	252	134 8 abcd	59	96	23	246	102	88	267	126 12 ghi
	32	13	15	51	28 7	18	26	7	41	16	17	40	24 9
17 PA00N14-2	62	105	13	101	70 15 de	6	20	24	157	152	12	156	75 18 hi
	12	18	4	20	14 16	1	4	5	24	23	2	23	12 18
18 PA99N2-1	115	132	21	122	97 10 bcde	91	175	103	299	352	90	549	237 4 bcd
	23	23	7	24	19 10	17	33	19	39	38	15	58	31 6
19 PA99N82-4	98	207	103	228	159 4 abc	85	57	76	283	428	47	588	224 6 bcde
	25	29	23	47	31 5	16	14	19	46	44	8	64	30 7
<b>Location Means</b>	109	129	48	160	111	45	85	65	258	259	62	397	167
	22	21	13	34	22	10	18	14	39	30	11	47	24

Means followed by the same letter are not significantly different at the 5% level using Student's t test.

<sup>1</sup> Tulelake: Over 16 ounces excluded.

**TABLE 6: 2009 Western Regional Potato Variety Trial - YIELD < 4 OZ [CWT/A (upper) & % (lower)] - EARLY AND LATE HARVEST**

No. Clone	Yield < 4 OZ - Early Harvest (CWT/A) and %							Yield < 4 OZ - Late Harvest (CWT/A) and %									
	ID	OR	TX	WA	Entry			CA	CO	ID		OR		WA	Entry		
	PAR	HRM	SPR	OTH	Mean/Rank	Mean/Rank	Mean/Rank	TUL <sup>1</sup>	SLV	AB	PAR	HRM	KLA	OTH	Mean/Rank	Mean/Rank	
1 RANGER R.	12	48	72	12	36	18	d	63	112	26	23	39	106	34	58	11	cde
	3	8	18	3	8	17		12	24	6	4	5	17	4	10	11	
2 R. BURBANK	46	121	34	33	59	5	bcd	72	246	45	26	61	152	43	92	3	a
	10	20	8	7	11	9		16	47	11	4	7	22	5	16	5	
3 R. NORKOTAH	31	70	49	17	42	14	d	90	119	80	53	64	110	57	82	6	abc
	5	14	11	3	8	17		23	25	24	7	12	21	9	17	4	
4 A96814-65LB	20	59	46	13	34	19	d	46	58	22	16	53	133	20	50	13	e
	5	10	21	3	10	13		9	13	5	3	6	22	2	8	17	
5 A97066-42LB	42	37	112	41	58	6	bcd	28	84	26	25	17	113	23	45	18	e
	10	7	26	13	14	5		6	19	6	4	2	22	3	9	13	
6 A98345-1	32	39	87	33	48	10	cd	64	105	31	30	37	74	31	53	12	de
	9	6	26	7	12	7		11	22	7	4	3	11	3	9	13	
7 A0008-1TE	30	32	80	17	40	15	d	35	65	53	35	22	91	27	47	17	e
	5	5	18	4	8	17		8	16	15	5	3	17	4	10	11	
8 AC99375-1RU	78	115	94	61	87	1	a	69	106	50	51	92	169	46	83	5	ab
	18	17	30	16	20	2		15	20	10	9	8	28	5	14	7	
9 AO96305-3	16	54	74	10	38	16	d	66	91	31	20	72	133	35	64	10	bcde
	4	11	19	2	9	14		15	22	7	3	13	25	5	13	8	
10 AO96365-2	48	91	126	49	78	3	ab	82	144	48	49	87	109	55	82	6	abc
	11	16	30	12	17	3		16	28	10	7	9	17	6	13	8	
11 CO97087-2RU	40	53	91	45	57	7	bcd	47	83	69	50	46	98	58	65	9	bcde
	7	7	22	9	11	9		12	18	16	7	4	20	10	12	10	
12 CO98067-7RU	66	97	73	55	73	4	abc	90	127	158	52	64	139	80	101	1	a
	12	13	25	11	15	4		27	26	45	7	7	21	9	20	2	
13 CO98368-2RU	54	133	77	86	87	1	a	78	147	102	61	85	137	76	98	2	a
	13	41	21	17	23	1		24	34	31	10	19	26	13	22	1	
14 CO99053-3RU	34	65	60	30	47	12	cd	38	52	49	27	50	95	22	48	16	e
	8	14	16	7	11	9		9	10	9	4	6	16	3	8	17	
15 CO99053-4RU	33	60	68	44	51	8	cd	57	80	100	42	73	129	64	78	8	abcd
	6	11	20	8	11	9		17	21	30	7	13	27	10	18	3	
16 CO99100-1RU	19	63	45	21	37	17	d	19	45	57	26	49	63	34	42	19	e
	3	12	16	4	9	14		6	12	17	4	8	13	5	9	13	
17 PA00N14-2	26	50	89	20	46	13	d	56	192	36	54	22	194	35	84	4	ab
	5	9	30	4	12	7		11	43	8	8	3	36	5	16	5	
18 PA99N2-1	26	56	94	26	51	8	cd	42	57	47	37	47	88	29	49	14	e
	5	10	30	5	13	6		8	11	9	5	5	14	3	8	17	
19 PA99N82-4	22	75	71	26	48	10	cd	37	77	42	32	52	87	18	49	14	e
	6	11	16	5	9	14		7	19	10	5	5	15	2	9	13	
Location Means	36	69	76	34	54			57	105	56	37	54	117	42	67		
	8	13	21	7	12			13	23	15	6	7	21	6	13		

Means followed by the same letter are not significantly different at the 5% level using Student's t test.



TABLE 7: 2009 Western Regional Potato Variety Trial - SPECIFIC GRAVITY - EARLY AND LATE HARVEST

No. Clone	Specific Gravity - Early Harvest					Specific Gravity - Late Harvest							
	ID PAR	OR HRM	TX SPR	WA OTH	Entry Mean/Rank	CA TUL	CO SLV	ID AB	OR PAR	OR HRM	KLA	WA OTH	Entry Mean/Rank
1 RANGER R.	1.088	1.069	1.074	1.077	<b>1.077</b> 8 cdef	1.102	1.088	1.081	1.092	1.077	1.096	1.081	<b>1.088</b> 7 cdef
2 R. BURBANK	1.084	1.068	1.069	1.079	<b>1.075</b> 9 defg	1.090	1.094	1.079	1.083	1.076	1.094	1.080	<b>1.085</b> 10 fgh
3 R. NORKOTAH	1.079	1.065	1.065	1.070	1.070 17 hi	1.090	1.084	1.075	1.076	1.061	1.076	1.065	1.075 18 kl
4 A96814-65LB	1.099	1.078	1.077	1.085	1.085 1 a	1.113	1.107	1.100	1.107	1.092	1.106	1.099	1.103 1 a
5 A97066-42LB	1.095	1.076	1.084	1.082	1.084 2 ab	1.107	1.096	1.091	1.100	1.088	1.103	1.096	1.097 2 b
6 A98345-1	1.093	1.068	1.087	1.077	1.081 3 abc	1.104	1.096	1.084	1.099	1.075	1.097	1.086	1.092 4 c
7 A0008-1TE	1.076	1.069	1.058	1.076	1.070 17 hi	1.090	1.089	1.083	1.082	1.070	1.088	1.075	1.082 14 hi
8 AC99375-1RU	1.097	1.072	1.076	1.081	<b>1.081</b> 3 abc	1.112	1.104	1.088	1.096	1.086	1.103	1.093	1.097 2 b
9 AO96305-3	1.093	1.074	1.076	1.075	<b>1.079</b> 6 bcd	1.105	1.096	1.087	1.092	1.073	1.095	1.081	1.090 5 cd
10 AO96365-2	1.086	1.063	1.072	1.074	<b>1.074</b> 10 defgh	1.098	1.089	1.078	1.087	1.070	1.092	1.078	1.085 10 fgh
11 CO97087-2RU	1.088	1.076	1.077	1.072	<b>1.078</b> 7 cde	1.092	1.097	1.089	1.091	1.082	1.097	1.077	1.089 6 cde
12 CO98067-7RU	1.078	1.061	1.059	1.066	1.066 19 i	1.083	1.079	1.074	1.073	1.064	1.076	1.068	1.074 19 i
13 CO98368-2RU	1.086	1.071	1.070	1.070	<b>1.074</b> 10 defgh	1.088	1.081	1.076	1.084	1.067	1.080	1.072	1.078 17 jk
14 CO99053-3RU	1.085	1.065	1.068	1.072	<b>1.073</b> 12 efgh	1.102	1.091	1.085	1.087	1.070	1.088	1.081	1.086 9 efg
15 CO99053-4RU	1.082	1.071	1.069	1.072	<b>1.073</b> 12 efgh	1.089	1.085	1.086	1.083	1.066	1.087	1.072	1.081 15 ij
16 CO99100-1RU	1.083	1.065	1.068	1.070	<b>1.071</b> 16 gh	1.093	1.085	1.080	1.082	1.066	1.088	1.073	1.081 15 ij
17 PA00N14-2	1.088	1.073	1.078	1.079	<b>1.080</b> 5 abcd	1.098	1.089	1.090	1.086	1.073	1.091	1.079	1.087 8 defg
18 PA99N2-1	1.081	1.066	1.071	1.069	<b>1.072</b> 14 gh	1.097	1.084	1.079	1.084	1.070	1.091	1.080	1.084 12 ghi
19 PA99N82-4	1.082	1.069	1.075	1.064	<b>1.072</b> 14 gh	1.097	1.090	1.085	1.082	1.073	1.087	1.076	1.084 12 ghi
<b>Location Means</b>	1.086	1.069	1.072	1.074	<b>1.076</b>	1.097	1.091	1.084	1.088	1.074	1.091	1.080	<b>1.086</b>

Means followed by the same letter are not significantly different at the 5% level using Student's t test.

TABLE 8: 2009 Western Regional Potato Variety Trial - AVERAGE TUBER SIZE, AND TUBER SHAPE

No. Clone	Average Tuber Size (oz)												Tuber Shape (1-5 length/width ratio: 1=round, 5=long)												Length/Width			
	Early Trial					Late Trial							Early Trial					Late Trial							Late Trial			
	ID	OR	TX	WA	Mean	CA	ID	OR	WA	Mean	ID	OR	TX	WA	Mean	CA	CO	ID	OR	WA	Mean	ID	OR	WA				
PAR	HRM	SPR	OTH		TUL	AB	PAR	HRM	KLA	OTH	Mean	PAR	HRM	SPR	OTH	Mean	TUL	SLV	AB	PAR	HRM	KLA	OTH	Mean	ID	OR	WA	
1 RANGER R.	11.2	6.2	5.7	10.7	8.5	6.2	8.1	11.5	10.9	7.5	10.9	9.2	4.5	5.0	4.5	4.0	4.5	4.6	5.0	5.0	4.5	5.0	5.0	4.0	4.7	1.92	1.92	1.62
2 R. BURBANK	6.3	5.0	6.3	7.8	6.4	4.8	6.8	9.9	7.9	6.1	9.3	7.5	4.5	5.0	4.5	3.0	4.3	4.4	5.0	4.0	4.5	5.0	4.0	3.0	4.3	2.05	2.04	1.77
3 R. NORKOTAH	9.2	5.8	6.0	9.6	7.7	4.9	4.9	8.3	6.7	5.8	7.4	6.3	4.5	4.5	4.0	3.0	4.0	4.8	5.0	4.0	3.5	4.3	4.0	3.0	4.1	1.91	1.72	-
4 A96814-65LB	9.0	6.9	5.8	10.5	8.1	6.9	7.6	12.4	8.0	6.3	12.6	9.0	4.0	3.2	3.7	3.0	3.5	3.8	4.0	2.5	3.5	3.0	3.5	2.0	3.2	1.48	1.39	1.42
5 A97066-42LB	6.4	7.3	5.3	5.9	6.2	7.9	8.6	10.8	11.8	6.2	12.1	9.6	4.0	3.9	4.0	3.0	3.7	3.9	4.0	3.5	4.0	3.9	3.9	3.0	3.7	1.61	1.63	1.45
6 A98345-1	6.7	7.9	5.2	9.9	7.4	6.5	7.9	11.1	11.1	7.7	12.8	9.5	4.0	3.7	3.4	3.0	3.5	3.6	4.0	3.3	2.5	3.7	3.8	2.5	3.3	1.52	1.58	1.38
7 A0008-1TE	8.9	8.8	5.7	10.8	8.6	6.3	5.8	10.1	11.3	6.8	9.7	8.3	4.5	4.5	3.7	3.0	3.9	4.1	4.0	3.8	4.5	4.5	4.0	3.0	4.0	1.91	1.77	1.75
8 AC99375-1RU	5.1	5.4	4.6	6.1	5.3	5.8	7.5	8.4	7.6	5.7	9.0	7.3	4.0	3.8	3.5	3.0	3.6	4.0	4.0	4.0	4.5	3.8	3.4	2.8	3.8	1.64	1.60	1.61
9 AO96305-3	9.1	5.9	5.5	9.2	7.4	5.5	7.5	10.5	7.2	5.5	8.9	7.5	5.0	5.0	4.7	4.0	4.7	4.4	4.0	4.8	5.0	5.0	4.5	3.5	4.5	2.16	2.08	1.77
10 AO96365-2	6.4	5.7	4.8	6.4	5.8	5.6	6.6	8.3	7.0	6.3	8.4	7.1	3.5	3.4	3.5	3.0	3.4	3.8	4.0	3.5	3.5	3.3	3.1	2.3	3.4	1.66	1.47	1.41
11 CO97087-2RU	7.8	7.3	5.5	7.7	7.1	6.3	5.4	8.4	8.9	6.6	8.1	7.3	4.4	3.9	4.0	3.0	3.8	4.2	4.0	4.0	3.5	3.6	4.0	2.8	3.7	1.72	1.54	1.52
12 CO98067-7RU	6.5	5.7	5.8	6.4	6.1	4.6	3.7	7.5	7.0	6.3	7.5	6.1	4.5	4.0	3.5	3.0	3.8	4.0	4.0	2.5	4.0	4.0	3.4	2.3	3.4	1.81	1.65	1.47
13 CO98368-2RU	5.7	4.0	5.2	5.6	5.1	4.8	4.4	7.4	5.1	5.7	6.9	5.7	4.0	3.8	4.0	3.3	3.8	4.4	5.0	3.0	4.0	4.2	4.0	2.8	3.9	1.70	1.71	-
14 CO99053-3RU	7.1	5.7	5.7	7.8	6.6	7.3	7.1	10.5	9.5	6.6	12.3	8.9	5.0	4.4	4.5	4.0	4.5	4.1	5.0	4.0	4.5	5.0	4.0	3.0	4.2	1.70	1.92	1.67
15 CO99053-4RU	7.6	6.2	5.3	7.2	6.6	5.3	4.3	7.9	6.7	5.6	7.6	6.2	5.0	4.9	4.0	4.0	4.5	4.3	4.0	4.3	5.0	5.0	4.0	3.3	4.3	1.91	1.94	1.78
16 CO99100-1RU	8.9	6.4	6.5	9.5	7.8	7.6	5.5	9.5	7.0	7.6	9.0	7.7	4.5	4.1	3.7	3.0	3.8	4.2	4.0	4.0	4.0	4.2	4.0	2.8	3.9	1.82	1.71	1.58
17 PA00N14-2	7.0	6.7	4.8	8.1	6.6	5.7	6.0	7.7	7.9	5.2	7.8	6.7	5.0	4.9	4.1	4.7	4.7	4.9	5.0	5.0	5.0	5.0	4.5	4.0	4.8	2.14	1.90	1.92
18 PA99N2-1	7.7	6.4	5.0	8.0	6.8	7.1	7.1	9.2	8.6	7.0	10.9	8.3	3.0	2.6	3.4	2.2	2.8	3.7	4.0	2.5	3.0	2.7	2.6	2.0	2.9	1.43	1.33	1.34
19 PA99N82-4	7.3	6.7	7.9	10.0	8.0	7.3	6.8	9.6	9.6	6.6	15.1	9.2	2.5	2.4	3.5	1.7	2.5	3.3	3.0	2.5	2.5	2.8	1.6	2.0	2.5	1.36	1.35	1.26
<b>Location Means</b>	<b>7.6</b>	<b>6.3</b>	<b>5.6</b>	<b>8.3</b>	<b>6.9</b>	<b>6.1</b>	<b>6.4</b>	<b>9.4</b>	<b>8.4</b>	<b>6.4</b>	<b>9.8</b>	<b>7.8</b>	<b>4.2</b>	<b>4.1</b>	<b>3.9</b>	<b>3.2</b>	<b>3.8</b>	<b>4.1</b>	<b>4.3</b>	<b>3.7</b>	<b>4.0</b>	<b>4.1</b>	<b>3.8</b>	<b>2.8</b>	<b>3.8</b>	<b>1.76</b>	<b>1.70</b>	<b>1.57</b>

<sup>1</sup> Idaho L/W ratios based on Aberdeen location; Oregon based on Hermiston location; Washington based on Othello location

Washington reported 1.81 for Idaho samples and 1.70 for Oregon samples.

**TABLE 9: 2009 Western Regional Potato Variety Trial - EXTERNAL DEFECTS MEANS OF LOCATIONS - GROWTH CRACKS, SECOND GROWTH, SHATTER BRUISE, AND SCAB<sup>1</sup>**

No. Clone	Growth Cracks		Second Growth		Shatter Bruise				Scab	
	Early Trial	Late Trial	Early Trial	Late Trial	Early Trial	Late Trial	Oth <sup>2</sup>	Ab <sup>3</sup>	Early Trial	Late Trial
1 RANGER R.	4.4 PAR 2.7	4.4 AB 3.3	4.4	4.7	4.5	4.9	3.0	2.6	5.0	4.8
2 R. BURBANK	4.0 PAR 2.0	3.8 PAR 2.0 KLA 2.5	4.1 PAR 2.7	4.2	5.0	4.8	3.0	2.4	5.0	5.0
3 R. NORKOTAH	4.8	4.9	5.0	5.0	5.0	5.0	4.0	2.7	5.0	4.8
4 A96814-65LB	4.8	4.7	5.0	5.0	4.5	4.6	2.0	2.9	5.0	4.6 AB 3.0
5 A97066-42LB	5.0	4.6	4.6	4.1 KLA 1.9	4.8	4.7	2.0	2.7	5.0	5.0
6 A98345-1	4.6	4.7	5.0	4.8	4.9	4.2	3.0	2.2	5.0	4.7
7 A0008-1TE	3.8 PAR 1.3	4.4 PAR 2.2	4.9	4.9	4.2 OTH 3.0	4.2	2.0	2.6	5.0	5.0
8 AC99375-1RU	4.8	4.6	5.0	4.7	5.0	4.9	4.0	2.8	5.0	4.8
9 AO96305-3	3.9 PAR 1.0	4.5 PAR 2.7	4.8	4.9	5.0	5.0	4.0	3.0	5.0	4.6
10 AO96365-2	4.5	4.8	5.0	4.8	5.0	5.0	3.0	3.0	5.0	4.8
11 CO97087-2RU	4.7	4.9	4.9	4.9	5.0	4.9	4.0	3.1	5.0	5.0
12 CO98067-7RU	4.8	4.9	5.0	5.0	5.0	5.0	4.0	3.4	5.0	5.0
13 CO98368-2RU	4.8	5.0	5.0	5.0	4.6	2.9 HRM 2.3 PAR 2.7	3.0	2.6	5.0	5.0
14 CO99053-3RU	4.7	4.9	4.9	5.0	5.0	4.9	5.0	2.7	5.0	4.9
15 CO99053-4RU	4.2 PAR 1.8	4.7	4.8	5.0	5.0	4.9	4.0	3.2	5.0	4.8
16 CO99100-1RU	3.8 PAR 1.0	4.4 PAR 3.0	4.8	5.0	5.0	4.9	3.0	3.0	5.0	5.0
17 PA00N14-2	4.8	4.9	5.0	5.0	5.0	5.0	4.0	3.0	5.0	5.0
18 PA99N2-1	4.3 PAR 2.8	4.8	4.8	4.9	4.6	3.6 HRM 2.6	2.0	2.1	5.0	4.9
19 PA99N82-4	3.9 OTH 2.3	4.1 OTH 1.5	5.0	4.9	3.6 HRM 2.5 OTH 2.0	3.4 HRM 1.9	1.0	2.3	5.0	4.8
<b>Entry Means</b>	4.4	4.6	4.8	4.8	4.8	4.6	3.2	2.8	5.0	4.9

<sup>1</sup>All scores [1-5(none)]. Individual trial sites with relatively extreme values are listed to the right of the entry means.

<sup>2</sup>Othello shatter scores reflect severe harvest conditions.

<sup>3</sup>Aberdeen shatter scores reflect dropping from shatter chamber [1-5(none)].

**TABLE 10: 2009 Western Regional Potato Variety Trial - INTERNAL DEFECTS MEANS OF LOCATIONS - HOLLOW HEART/BROWN CENTER, INTERNAL BROWN SPOT, VASCULAR DISCOLORATION/NET NECROSIS, AND BLACKSPOT<sup>1</sup>**

No. Clone	Percent Hollow Heart Plus Brown Center		Percent Internal Brown Spot		Percent Net Necrosis/ Vascular Discoloration		Blackspot Bruise [[1-5(NONE)]]			ID <sup>2</sup>
	Early Trial	Late Trial	Early Trial	Late Trial	Early Trial	Late Trial	Early Trial	Late Trial		
1 RANGER R.	0	0	0	0	0	5 TUL 15	3.3 HRM 1.0	3.6	KLA 2.5	1.6
2 R. BURBANK	1	3	1	1	0	3 TUL 10	3.3 HRM 1.0	3.6		1.9
3 R. NORKOTAH	0	2	0	1	0	3 TUL 10	4.0 HRM 2.0	4.4		1.7
4 A96814-65LB	1	4 KLA 15	1	3 HRM 15	2	2	4.3	4.0		2.1
5 A97066-42LB	0	1	0	2	1	4 TUL 13	5.0	4.3		1.9
6 A98345-1	0	0	0	1	0	3 TUL 10	4.0 HRM 2.0	3.4		1.8
7 A0008-1TE	0	2 KLA 18	0	1	2	1	4.7	4.2		1.7
8 AC99375-1RU	0	3 KLA 15	0	0	0	3 TUL 13	4.3	3.7	HRM 2.0	3.1
9 AO96305-3	0	0	0	0	0	2	4.7	4.8		2.3
10 AO96365-2	0	0	0	1	5 SPR 15	2	4.3	3.8	KLA 2.5	2.0
11 CO97087-2RU	1	4 TUL 20 KLA 15	0	0	1	1	3.7 HRM 2.0	4.7		3.0
12 CO98067-7RU	0	1	0	0	0	3 TUL 13	3.7 HRM 1.0	4.6		2.8
13 CO98368-2RU	0	0	0	0	0	2	4.7	4.8		2.2
14 CO99053-3RU	0	2	0	0	1	2 TUL 10	5.0	4.6		2.0
15 CO99053-4RU	1	0	0	0	1	3 TUL 10	4.0 HRM 2.0	4.4		2.9
16 CO99100-1RU	1	7 TUL 35 KLA 28	0	0	0	1	4.0 HRM 2.0	4.4		2.2
17 PA00N14-2	0	0	0	0	0	0	3.7 HRM 2.0	4.4		1.6
18 PA99N2-1	2	3 TUL 20	0	1	2	0	4.0 HRM 2.0	3.7	KLA 2.5	2.5
19 PA99N82-4	1	8 KLA 28	0	1	0	3 TUL 10	3.7 HRM 2.0	4.5		2.9
<b>Entry Means</b>	0	2	0	1	1	2	4.1	4.2		2.2

<sup>1</sup>Individual trial sites with relatively extreme values are listed right of the entry means.

<sup>2</sup>Aberdeen Idaho, blackspot scores reflect abrasive peel test [1-5(none)].

**TABLE 11: 2009 Western Regional Potato Variety Trial - FRENCH FRY COLOR (00-4.0(darkest)) AND PERCENT SUGAR ENDS**

No. Clone	Field Fry							Fry 45					Fry 40			% Sugar Ends						
	CO		ID		OR		WA	Entry	CO	ID	OR	WA	Entry	ID	WA	Entry	ID		OR		Entry	
	SLV	PAR	HRM	OTH	SLV	AB											HRM	OTH	AB	OTH		AB
L	E	L	E	E	L	L	L	L	L	L	L	L	L	L	L	L	E	L	E	L	Mean	
1 RANGER R.	3.0	0.3	0.0	0.0	0.0	0.0	0.0	<b>0.7</b>	3.0	0.9	0.5	0.0	<b>1.1</b>	3.9	3.0	<b>3.5</b>	25	0	0	0	0	<b>5</b>
2 R. BURBANK	2.0	0.1	0.2	0.5	0.0	0.0	0.0	<b>0.6</b>	2.0	0.7	1.2	1.0	<b>1.2</b>	3.9	3.0	<b>3.5</b>	50	0	19	0	3	<b>14</b>
3 R. NORKOTAH	3.0	0.0	0.1	0.1	0.0	.	0.0	<b>0.7</b>	3.0	0.6	1.2	.	<b>1.6</b>	4.0	.	<b>4.0</b>	33	0	0	0	0	<b>7</b>
4 A96814-65LB	1.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.2</b>	2.0	0.6	0.3	0.0	<b>0.7</b>	2.5	1.0	<b>1.8</b>	13	0	0	0	0	<b>3</b>
5 A97066-42LB	3.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.6</b>	4.0	0.8	1.1	1.0	<b>1.7</b>	3.8	3.0	<b>3.4</b>	4	0	3	0	3	<b>2</b>
6 A98345-1	1.0	0.2	0.0	0.2	0.0	0.0	0.0	<b>0.3</b>	2.0	0.5	0.7	0.0	<b>0.8</b>	1.3	2.0	<b>1.7</b>	46	0	0	0	0	<b>9</b>
7 A0008-1TE	2.0	0.0	0.2	0.0	0.0	0.0	0.0	<b>0.4</b>	3.0	0.6	0.9	1.0	<b>1.4</b>	4.0	3.0	<b>3.5</b>	29	0	0	0	0	<b>6</b>
8 AC99375-1RU	2.0	0.1	0.1	0.1	0.0	0.0	0.0	<b>0.5</b>	2.0	0.5	0.3	0.0	<b>0.7</b>	1.9	2.0	<b>2.0</b>	27	0	0	0	0	<b>5</b>
9 AO96305-3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.4</b>	1.0	0.5	0.0	0.0	<b>0.4</b>	1.1	1.0	<b>1.1</b>	42	10	4	0	0	<b>11</b>
10 AO96365-2	2.0	0.1	0.0	0.2	0.0	1.0	0.0	<b>0.5</b>	3.0	0.8	1.2	0.0	<b>1.3</b>	3.4	3.0	<b>3.2</b>	17	0	0	0	3	<b>4</b>
11 CO97087-2RU	0.0	0.1	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	2.0	0.4	0.0	0.0	<b>0.6</b>	1.8	2.0	<b>1.9</b>	38	0	0	0	0	<b>8</b>
12 CO98067-7RU	2.0	0.3	0.0	0.3	0.0	2.0	0.0	<b>0.5</b>	3.0	0.8	1.1	1.0	<b>1.5</b>	4.0	4.0	<b>4.0</b>	33	0	0	3	0	<b>7</b>
13 CO98368-2RU	3.0	0.2	0.4	0.0	0.0	.	0.0	<b>0.7</b>	3.0	0.8	0.9	.	<b>1.6</b>	4.0	.	<b>4.0</b>	46	0	10	0	0	<b>11</b>
14 CO99053-3RU	2.0	0.0	1.0	0.4	0.0	0.0	0.0	<b>0.7</b>	3.0	0.9	1.2	1.0	<b>1.5</b>	3.6	3.0	<b>3.3</b>	9	0	0	3	5	<b>3</b>
15 CO99053-4RU	3.0	0.0	0.2	0.0	0.0	0.0	0.0	<b>0.6</b>	3.0	0.7	0.5	1.0	<b>1.3</b>	3.4	3.0	<b>3.2</b>	8	0	0	0	0	<b>2</b>
16 CO99100-1RU	1.0	0.5	0.0	0.0	0.0	1.0	0.0	<b>0.3</b>	1.0	0.4	0.5	1.0	<b>0.7</b>	3.9	4.0	<b>4.0</b>	4	0	0	0	0	<b>1</b>
17 PA00N14-2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.4</b>	4.0	0.7	0.6	1.0	<b>1.6</b>	4.0	4.0	<b>4.0</b>	25	0	2	3	0	<b>6</b>
18 PA99N2-1	3.0	0.0	0.0	0.1	0.0	0.0	0.0	<b>0.6</b>	3.0	0.5	0.9	0.0	<b>1.1</b>	4.0	3.0	<b>3.5</b>	17	0	0	0	0	<b>3</b>
19 PA99N82-4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	<b>0.3</b>	2.0	0.6	0.3	0.0	<b>0.7</b>	3.1	2.0	<b>2.6</b>	17	0	0	0	0	<b>3</b>
<b>Location Means</b>	<b>2.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</b>	<b>0.5</b>	<b>0.5</b>	<b>2.6</b>	<b>0.6</b>	<b>0.7</b>	<b>0.5</b>	<b>1.1</b>	<b>3.2</b>	<b>2.7</b>	<b>3.0</b>	<b>25</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>6</b>

Storage protocol prior to frying

**Aberdeen** - 4 weeks from 55F to 45F, 4 weeks from 55F to 40F, and 8 weeks @ 45F and 10 weeks @ 40F.

**Hermiston** - 2 weeks from 60F to 45F, and 7 weeks @45F.

**Kimberly** - 4 weeks from 55F to 45F, 5 weeks from 55F to 40F, and 8 weeks @ 40F and 7 weeks @ 45F.

**Othello** - 2 weeks from 48F to 40F and 45 F, and 8 weeks @ 40F and 45F.

**San Luis Valley** - 5 weeks from 55F to 45F, and 8 weeks @ 45F.

\* Comprehensive post harvest evaluations of entries can be found in the 2009 Potato Cultivar Yield & Post Harvest Quality Evaluations - Washington State University. Contact: Rick Knowles. [www.potatoes.wsu.edu](http://www.potatoes.wsu.edu)

TABLE 12: 2009 Western Regional Potato Variety Trial - DISEASE EVALUATION AND METRIBUZIN REACTION

No.	Clone	Vert. Wilt/ Early Dying		Early Blight		Late Blight			Common Scab		Net Necrosis/ Vasc. Discoloration <sup>1</sup>		% Virus Infection		Prosser		Klamath		Fusarium		Erwinia
		AB <sup>1</sup>	HRM <sup>2</sup>	Foliar AB <sup>1</sup>	Tuber Incidence	Foliar	Tuber	AUDPC	(0-5)	Defect	Incidence	Defect	HRM <sup>2</sup>	% Corky	Root- knot <sup>4</sup>	% Corky	Dry Rot <sup>1</sup> (0-5)	F(sam)	F(sol)	Soft Rot <sup>1</sup>	
1	RANGER R.	4.0	5.6	6.3	1.1	21	7.0	10	713	3.0	11	89	19	100	2.7	S	23	2.3	2.4	2.7	
2	R. BURBANK	7.0	8.4	6.5	1.0	12	8.0	0	861	1.0	1	69	14	100	1.9	S	38	4.1	2.2	1.3	
3	R. NORKOTAH	9.0	8.9	8.7	1.0	10	8.5	5	1080	1.3	1	69	6	100	5.3	S	0	2.5	0.9	2.9	
4	A96814-65LB	5.5	6.5	6.8	1.3	38	5.8	3	506	2.7	16	91	14	20	0.0	S	0	4.9	3.3	1.3	
5	A97066-42LB	2.5	6.0	5.7	1.0	22	5.0	0	321	3.0	3	88	14	40	2.2	S	40	4.8	1.5	2.4	
6	A98345-1	1.2	4.5	3.8	1.4	32	6.5	0	770	3.0	13	72	8	5	7.3	S	45	4.6	4.7	3.8	
7	A0008-1TE	3.0	8.1	5.7	1.6	11	9.0	10	1154	0.7	0	34	3	83	0.0	S	10	1.3	0.1	4.0	
8	AC99375-1RU	7.3	6.4	7.8	0.7	12	5.3	0	361	2.3	2	57	3	5	0.0	S	8	3.5	0.1	1.2	
9	AO96305-3	2.3	7.8	4.3	0.7	22	7.5	3	802	3.0	15	54	9	100	5.9	S	25	4.9	0.7	4.7	
10	AO96365-2	6.5	5.3	7.3	0.3	4	7.5	8	839	2.7	11	74	4	55	0.0	S	18	3.3	0.1	0.1	
11	CO97087-2RU	3.3	7.1	4.8	1.0	21	8.0	3	992	1.0	0	47	19	100	0.0	S	0	3.5	0.1	1.3	
12	CO98067-7RU	7.3	7.9	6.5	1.1	7	8.5	5	1080	1.3	1	71	2	95	0.5	S	0	2.5	3.1	0.8	
13	CO98368-2RU	8.7	8.0	7.8	0.7	12	9.0	3	1197	0.3	0	49	7	20	1.3	S	3	4.3	2.7	0.5	
14	CO99053-3RU	6.8	5.8	7.3	0.3	2	7.3	0	715	1.7	1	55	0	100	0.0	S	28	4.9	1.4	2.5	
15	CO99053-4RU	2.7	7.6	5.2	1.0	14	9.0	0	1159	2.0	4	47	0	95	2.8	S	35	4.8	3.2	2.5	
16	CO99100-1RU	8.5	8.5	8.2	1.0	5	9.0	8	1166	1.7	2	36	0	100	0.0	S	5	4.6	3.3	1.9	
17	PA00N14-2	8.8	8.1	8.5	0.3	2	9.0	8	1236	1.7	3	31	0	100	0.0	S	0	2.6	3.2	1.1	
18	PA99N2-1	8.0	5.9	8.0	1.0	10	8.3	3	969	3.7	13	43	6	100	3.8	S	0	2.5	0.4	3.3	
19	PA99N82-4	2.8	6.0	4.5	1.4	20	8.0	0	1075	3.3	7	60	5	100	0.0	R	0	3.3	0.6	1.2	
<b>Entry Means</b>		5.5	7.0	6.5	0.9	14	7.7	3	895	2.1	5	60	7	75	1.8	-	14.5	3.6	1.8	2.1	
<b>LSD (.05)</b>		1.7	0.9	1.6	0.6	21	0.8	11.4	265	1.7	11.5	24	ns	-	-	-	-	0.9	0.9	1.4	

<sup>1</sup> Evaluations made at Aberdeen, Idaho by Jonathan Whitworth; scale as indicated with highest number being most severe. For 0 to 9: 0=no symptoms; 1= trace; 2=1-5%; 3=5-10%; 4=10-20%; 5=25-40%; 6=40-60%; 7=60-70%; 8=75-90%; 9=90-100% dead or dying with typical disease symptoms.

Common Scab and Net Necrosis serious defects are the number of tubers with a 3 rating (0-5 scale) or higher, divided by the total number of tubers examined.

<sup>2</sup> Evaluations made at Hermiston, Oregon by Dan Hane; scale as indicated, highest number being most severe.

% Virus are from evaluation of sprouts from tubers grown under high virus pressure.

<sup>3</sup> Evaluations made at Corvallis, Oregon by Solomon Yilma; 1=no foliar injury; 3=5-10%; 5=25-40%; 7=60-75%; 8=75-90%; 9=90-100%.

Tuber % based on examination at harvest and showing any tuber late blight symptoms. AUDPC = Area Under the Disease Progress Curve.

<sup>4</sup> Evaluations made at Prosser, Washington by Chuck Brown: S=susceptible, R=resistant

<sup>5</sup> Evaluations made at Klamath Falls, Oregon by Brian Charlton.

**TABLE 13: 2009 Western Regional Potato Variety Trial - SOLIDS, DEXTROSE, SUCROSE, PROTEIN, VITAMIN C,  
AND GLYCOALKALOIDS - ABERDEEN**

No. Clone	Solids Oven Dry %	Sugars		Protein (%DWB) <sup>1</sup>	Vitamin C (mg/100g FWB) <sup>1</sup>	Glycoalkaloids <sup>2</sup> (mg/100g FWB) <sup>1</sup>
		Dextrose (%FWB) <sup>1</sup>	Sucrose (%FWB) <sup>1</sup>			
1 RANGER R.	21.7	0.05	0.15	5.2	30.8	3.2
2 R. BURBANK	20.9	0.05	0.12	4.8	20.9	1.6
3 R. NORKOTAH	22.1	0.03	0.12	4.5	21.9	1.8
4 A96814-65LB	22.2	0.00	0.16	6.0	16.5	6.0
5 A97066-42LB	20.9	0.02	0.18	5.2	16.3	3.0
6 A98345-1	21.3	0.02	0.13	5.0	21.1	2.0
7 A0008-1TE	20.5	0.04	0.15	6.0	28.4	1.8
8 AC99375-1RU	21.1	0.02	0.12	6.1	21.8	12.5
9 AO96305-3	20.6	0.02	0.11	5.8	25.7	1.5
10 AO96365-2	21.5	0.05	0.11	5.1	25.0	0.8
11 CO97087-2RU	20.1	0.01	0.12	5.8	22.7	1.6
12 CO98067-7RU	22.1	0.04	0.13	4.1	24.0	0.8
13 CO98368-2RU	22.4	0.05	0.14	5.3	27.2	0.5
14 CO99053-3RU	21.5	0.03	0.14	5.0	26.1	5.9
15 CO99053-4RU	21.1	0.03	0.13	5.4	31.5	3.8
16 CO99100-1RU	21.6	0.01	0.14	5.0	22.6	1.5
17 PA00N14-2	21.7	0.04	0.15	5.8	18.9	3.6
18 PA99N2-1	22.5	0.02	0.11	5.6	22.5	0.9
19 PA99N82-4	21.1	0.02	0.15	5.9	25.1	1.3
<b>Entry Means</b>	<b>21.4</b>	<b>0.03</b>	<b>0.13</b>	<b>5.3</b>	<b>23.6</b>	<b>2.8</b>

<sup>1</sup> DWB = Dry Weight Basis; FWB = Fresh Weight Basis

<sup>2</sup> Glycoalkaloids: The 2009 Lenape check grown at Aberdeen was 42.6 mg/100g

TABLE 14: 2009 Western Regional Potato Variety Trial - MERIT SCORES [1-5(best)]

No. Clone	Process										Process WA <sup>1</sup> 3 State Mean	Fresh											
	CO		ID		OR		WA		Early Trial	Late Trial		CO		ID		OR		TX SPR	WA		Early Trial	Late Trial	
	SLV	AB	PAR	PAR	HRM	HRM	OTH	OTH				SLV	AB	PAR	PAR	HRM	HRM		OTH	OTH			SLV
	L	L	E	L	E	L	E	L	Mean(Rnk)	Mean(Rnk)	Mean	L	L	E	L	E	L	E	L	Mean(Rnk)	Mean(Rnk)		
1 RANGER R.	1.0	3.5	3.7	4.2	3.5	3.0	3.3	3.8	3.5 (4)	3.1 (12)	3.8	3.0	3.0	2.0	3.2	2.5	1.5	3.0	3.0	3.0	2.6 (11)	2.7 (10)	
2 R. BURBANK	4.0	3.0	3.3	4.0	2.0	4.0	2.9	2.6	2.7 (14)	3.5 (6)	2.6	3.0	2.3	2.0	2.0	2.0	3.0	1.9	3.0	2.8	2.2 (16)	2.6 (12)	
3 R. NORKOTAH	1.0	3.0	4.2	4.2	3.0	1.5	3.3	.	3.5 (4)	2.4 (17)	-	3.0	3.0	3.3	4.0	4.5	4.0	3.8	4.0	4.0	3.9 (1)	3.6 (2)	
4 A96814-65LB	4.0	3.8	4.0	3.7	2.5	3.0	3.4	4.3	3.3 (6)	3.8 (3)	4.3	3.0	3.0	2.7	3.0	2.5	1.0	3.1	1.0	2.3	2.3 (14)	2.5 (15)	
5 A97066-42LB	1.0	3.8	3.0	2.8	3.5	3.5	2.8	3.5	3.1 (8)	2.9 (13)	3.5	3.0	2.5	2.0	2.7	2.5	2.0	2.8	1.0	2.0	2.1 (17)	2.4 (16)	
6 A98345-1	5.0	4.0	3.0	3.3	3.0	3.0	3.2	4.2	3.1 (8)	3.9 (1)	4.2	4.0	3.3	2.0	3.2	2.5	2.0	2.5	1.0	2.5	2.0 (18)	3.0 (5)	
7 A0008-1TE	2.0	3.7	4.0	4.0	5.0	3.0	3.3	3.3	4.1 (1)	3.2 (10)	3.3	2.0	3.8	3.0	2.0	5.0	2.0	2.7	4.0	3.7	3.7 (2)	2.7 (10)	
8 AC99375-1RU	5.0	4.0	2.0	2.8	2.5	3.0	2.9	4.6	2.5 (16)	3.9 (1)	4.6	5.0	2.3	2.7	2.5	2.0	2.0	2.5	3.7	2.3	2.7 (9)	2.8 (9)	
9 AO96305-3	3.0	4.0	3.3	4.0	4.0	3.0	3.4	4.7	3.6 (3)	3.7 (5)	4.7	2.0	4.0	2.0	3.3	4.0	3.0	3.1	2.7	4.0	2.9 (6)	3.3 (4)	
10 AO96365-2	3.0	3.6	3.0	4.0	2.0	2.0	2.8	3.3	2.6 (15)	3.2 (10)	3.3	4.0	3.5	4.0	2.8	1.0	2.0	2.7	4.0	2.5	2.9 (6)	3.0 (5)	
11 CO97087-2RU	4.0	4.0	3.7	3.0	2.0	1.0	3.3	4.3	3.0 (10)	3.3 (9)	4.3	3.0	1.8	3.3	2.3	1.0	1.0	2.9	2.0	1.5	2.3 (14)	1.9 (18)	
12 CO98067-7RU	2.0	3.0	4.0	4.0	2.0	1.5	2.5	2.4	2.8 (12)	2.6 (16)	2.4	3.0	2.3	3.7	3.5	2.0	2.0	2.6	2.7	2.0	2.7 (9)	2.6 (12)	
13 CO98368-2RU	1.0	3.2	2.3	3.0	1.0	1.0	2.8	.	2.1 (18)	2.1 (19)	-	1.0	2.5	3.3	2.5	1.0	1.0	3.4	2.7	2.8	2.6 (11)	2.0 (17)	
14 CO99053-3RU	4.0	3.8	3.7	4.2	3.0	3.5	1.7	3.4	2.8 (12)	3.8 (3)	3.4	5.0	3.8	3.7	3.2	4.0	4.0	3.5	3.0	2.8	3.5 (3)	3.7 (1)	
15 CO99053-4RU	1.0	3.5	4.3	3.2	3.0	2.0	2.5	4.7	3.3 (6)	2.9 (13)	3.2	3.0	3.3	2.7	2.5	4.0	3.5	2.9	3.0	2.3	3.1 (4)	2.9 (7)	
16 CO99100-1RU	4.0	3.7	3.7	3.8	2.0	2.0	3.0	3.3	2.9 (11)	3.4 (7)	2.9	3.0	3.3	3.0	3.0	2.5	3.0	3.6	3.5	2.3	3.1 (4)	2.9 (7)	
17 PA00N14-2	1.0	3.5	4.0	4.3	4.0	4.0	4.4	4.3	4.1 (1)	3.4 (7)	3.5	1.0	3.8	2.7	4.0	3.5	4.0	3.2	2.3	4.0	2.9 (6)	3.4 (3)	
18 PA99N2-1	1.0	3.0	3.0	2.7	1.0	1.0	3.2	3.3	2.4 (17)	2.2 (18)	3.8	4.0	3.3	3.0	2.0	1.0	1.0	2.4	3.3	2.5	2.4 (13)	2.6 (12)	
19 PA99N82-4	3.0	3.0	2.0	2.3	1.0	1.0	2.4	4.3	1.8 (19)	2.7 (15)	3.9	2.0	3.3	2.3	2.0	1.0	1.0	2.9	1.3	1.0	1.9 (19)	1.9 (18)	
<b>Location Means</b>	2.6	3.5	3.4	3.6	2.6	2.4	3.0	3.8	3.0	3.2	3.6	3.0	3.1	2.8	2.8	2.6	2.3	2.9	2.7	2.6	2.7	2.8	

<sup>1</sup> Score based upon Idaho, Oregon, and Washington samples evaluated postharvest at Washington State University. ([www.potatoes.wsu.edu](http://www.potatoes.wsu.edu))  
Scale [1-5(best)]



TABLE 15: 2009 Western Regional Potato Variety Trial - ENTRY SUMMARY<sup>1</sup>

No. Clone	Year		US Total Yield <sup>2</sup>	US #1's Yield <sup>2</sup>	% US #1's <sup>2</sup>	Tuber		Specific Gravity <sup>2</sup>	Fry 45 Color	%Cumulative Shrink & Sprout Rating <sup>3</sup>	Combined (E&L) Merit Score <sup>4</sup>		Disposition 2010	Observations	
	In Trial	Use				Early	Late				Process	Fresh			
1 RANGER R.	-	Dual	621	504	80	8.5	9.2	1.088	1.1	9.3	4.0	3.2	2.7		Check
2 R. BURBANK	-	Dual	643	457	70	6.4	7.5	1.085	1.2	10.4	4.0	3.2	2.4		Check
3 R. NORKOTAH	-	Fresh	521	422	79	7.7	6.3	1.075	1.6	12.9	4.0	2.9	3.7		Check
4 A96814-65LB	1	Proc	639	552	86	8.1	9.0	1.103	0.7			3.6	2.4	High % 1's & SG (E&L); Cold Sweet Res; LB & PVY Res.; Scab & F(sam) Susc.	Discard
5 A97066-42LB	2	Proc	591	483	80	6.2	9.6	1.097	1.7	8.4	4.0	3.0	2.3	High SG (E&L); LB Res.; F(sam) Susc.	Return
6 A98345-1	1	Dual	736	640	86	7.4	9.5	1.092	0.8	-	-	3.6	2.5	Blackspot (L); Cold Sweet Res; ED, EB & PVY Res; Scab & Dry Rot Susc	Return
7 A0008-1TE	2	Dual	548	463	84	8.6	8.3	1.082	1.4	8.7	4.0	3.5	3.1	Dry Rot Res; Soft Rot Susc.	Return
8 AC99375-1RU	1	Dual	686	504	74	5.3	7.3	1.097	0.7	-	-	3.3	2.8	Cold Sweet Res; LB, PVY & F(sol) Res.	Return
9 AO96305-3	1	Dual	537	443	82	7.4	7.5	1.090	0.4	-	-	3.7	3.1	Cold Sweet Res; F(sol) Res; Scab, Soft Ro & F(sam) Susc.	Return
10 AO96365-2	1	Dual	670	546	81	5.8	7.1	1.085	1.3	-	-	3.0	3.0	F(sol) & Soft Rot Res.; Scab Susc.	Discard
11 CO97087-2RU	3	Dual	600	413	73	7.1	7.3	1.089	0.6	10.9	4.0	3.2	2.1	Cold Sweet Res.; F(sol) Res.	Graduate
12 CO98067-7RU	2	Dual	621	484	75	6.1	6.1	1.074	1.5	9.9	4.0	2.7	2.6	Low SG (E&L); Soft Rot Res.	Return
13 CO98368-2RU	2	Fresh	466	340	71	5.1	5.7	1.078	1.6	9.9	4.5	2.1	2.2	Low Yields & % No. 1 (E&L); Small tubers; Shatter (L); PVY & S. Rot Res	Discard
14 CO99053-3RU	1	Dual	638	540	84	6.6	8.9	1.086	1.5	-	-	3.4	3.7	F(sam) Susc.	Return
15 CO99053-4RU	1	Dual	474	373	77	6.6	6.2	1.081	1.3	-	-	3.0	3.0	F(sam) Susc.	Return
16 CO99100-1RU	1	Dual	493	401	80	7.8	7.7	1.081	0.7	-	-	3.2	3.0	F(sam) Susc.	Return
17 PA00N14-2	1	Dual	563	467	81	6.6	6.7	1.087	1.6	-	-	3.7	3.2		Return
18 PA99N2-1	2	Proc	697	601	85	6.8	8.3	1.084	1.1	8.4	4.0	2.3	2.5	F(sol) Res.	Return
19 PA99N82-4	2	Proc	633	512	81	8.0	9.2	1.084	0.7	8.9	4.0	2.4	1.9	Growth Cracks & Shatter (E&L); Columbia Root Knot Nematode Res	Return
<b>Entry Means</b>			599	481	79	6.9	7.8	1.086	1.1	9.8	4.1	3.1	2.7		

<sup>1</sup> Numeric values represent means across all trial locations.

<sup>2</sup> Data shown from late trial results.

<sup>3</sup> 2008 entries at Tulelake, CA; Evaluated at 182 days after harvest. Sprout rating [(1-5(none))]

<sup>4</sup> Data shown from combined early & late trial results.

**TABLE 16: 2009 Western Regional Potato Variety Trial - 3 YEAR SUMMARY OF GRADUATING ENTRIES - LATE TRIAL LOCATION MEANS**

Clone	2007						2008						2009					
	Total	US #1		SG	Fry 45	Merit Score	Total	US #1		SG	Fry 45	Merit Score	Total	US #1		SG	Fry 45	Merit Score
	Yield <sup>1</sup> &(rank)	Yield <sup>1</sup> & %	Yield <sup>1</sup> &(rank)				Yield <sup>1</sup> & %	Yield <sup>1</sup> &(rank)	Yield <sup>1</sup> & %									
CO97087-2RU	503 (14/19)	371 74	1.085	1.3	2.3	3.1	536 (8/13)	429 78	1.091	0.2	2.7	3.6	600 (11/19)	413 73	1.089	0.6	2.1	3.2
RANGER R.	561 (9/19)	441 78	1.091	1.2	2.8	3.6	554 (7/13)	455 81	1.090	1.2	2.7	3.6	621 (9/19)	504 80	1.088	1.1	2.7	3.2
R. NORKOTAH	476 (16/19)	393 82	1.073	1.4	3.3	2.3	487 (12/13)	416 84	1.076	1.4	3.8	3.0	521 (16/19)	422 79	1.075	1.6	3.7	2.9
R. BURBANK	557 (10/19)	353 64	1.082	1.1	2.0	2.4	589 (3/13)	385 66	1.083	1.1	1.9	2.6	643 (5/19)	457 70	1.085	1.2	2.4	3.2
<b>Trial Mean</b>	545	446 82	1.082	1.0	3.0	3.0	528	438 81	1.084	1.0	2.8	3.0	599	481 79	1.086	1.1	2.7	3.1

**3 Year Average (2007-2009)**

Clone	Total							Noted Weaknesses	Noted Strengths
	Yield <sup>1</sup> &(%) <sup>2</sup>	US #1 Yld <sup>1</sup> %		SG	FRY 45	Merit Score Fresh Proc			
CO97087-2RU	546 (35)	404	75	1.088	0.7	2.4	3.3	High SG (E)2/3; Corky Ringspot Res. 3/3; F(sol) Res 3/3;	
RANGER R.	579 (51)	467	80	1.090	1.2	2.7	3.5		
R. NORKOTAH	495 (14)	410	82	1.075	1.5	3.6	2.7		
R. BURBANK	596 (65)	398	67	1.083	1.1	2.1	2.7		
<b>Trial Mean<sup>3</sup></b>	557	455	81	1.084	1.1	2.8	3.0		

<sup>1</sup> (CWT/A)

<sup>2</sup> Percent of entries with lower yields; e.g. 35% of all trial entries over three years yielded lower than CO97987-2RU

<sup>3</sup>Late Trial mean of all trial entries 2007-2009