

**2013**

**TRI-STATE SPECIALTY**

**POTATO VARIETY TRIAL REPORT**

**State Experiment Stations and  
USDA-ARS Cooperating**

**Aberdeen, Idaho**

**Parma, Idaho**

**Klamath Falls, Oregon**

**Othello, Washington**



# 2013 TRI-STATE SPECIALTY POTATO VARIETY TRIAL REPORT

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Compiled by: Oksana Adams

**TABLE 1: 2013 Tri-State Specialty Potato Variety Trial - LOCATIONS, COOPERATORS, AND CULTURAL INFORMATION**

Locations	Cooperators	Irrigation	Fertilizer N-P-K-S(lb/A)	Planting Date	Vine Kill Date	Harvest Date	Days to Vine Kill	Days to Harvest	Herbicides	Insecticides	Fungicides
Aberdeen Idaho <b>(AB)</b>	J. Stark P. Bain R. Novy J. Whitworth M. Chappell	Sprink.	190-280-300	1-May	17-Aug	12-Sep	108	134	Outlook Prowl Metribuzin	Admire Pro	Penncozeb Echo
Parma Idaho <b>(PA)</b>	M. Thornton B. Buhrig O. Adams	Sprink.	135-160-100	3-Apr	30-Jul	1-Aug	118	120	Prowl Outlook Eptam	Movento Agrimek  <b>Fumigation</b> Vapam	Gavel Endura Bravo
Klamath Falls Oregon <b>(OR)</b>	B. Charlton N. Baley	Sprink.	168-100-248 7 Zn 1.7 tons Gypsum	15-May	10-Sep	2-Oct	118	140	Prowl Matrix	Movento Admire Vydate <b>Fumigation</b> Telone & Vapam	Moncut Ridomil Bravo Luna
Othello Washington <b>(WA)</b>	M.Pavek R.Knowles N.Fuller Z.Holden	Pivot	200-250-300 2B + 40S	3-Apr	19-Jul	5-Aug	107	124	Outlook Prowl Metribuzin Eptam		Priaxor Omega Gavel

**TABLE 2: 2013 Tri-State Specialty Potato Variety Trial - CLONE, PARENTS, FLOWER COLOR, ENTERED BY, SEED SOURCE, STAND, AND STEM NO.**

No	Clone	Parents		Flower Color	Entered by	Trial Year	Seed Source	STAND (%)			Mean Stand %	STEM NO.		
		Female	Male					AB	PA	OR		AB	PA	Stems/Plant
1	Chieftain	***	***	Red-purple	Check	***	OR	95	97	99	<b>97</b>	2.3	2.0	<b>2.2</b>
2	Yukon Gold	***	***	Pink	Check	***	OR	96	96	98	<b>97</b>	2.0	1.4	<b>1.7</b>
3	NDA050237B-1R	ND028678-1RY	ND028770B-4R	Dk Red-purple	ID	4	ID	98	88	74	<b>86</b>	2.4	2.4	<b>2.4</b>
4	A05180-3PY	Pinto(ATND9331-2)	VC1075-1R	Dk Red-purple	ID	1	ID	98	98	97	<b>97</b>	3.0	2.3	<b>2.6</b>
5	A02267-1Y	Inca Gold	ND5256-7R	Med Red-purple	ID	5	ID	96	98	100	<b>98</b>	2.7	2.1	<b>2.4</b>
6	A05182-7RY	ATND93331-2	A99433-5Y	White	ID	2	ID	98	99	100	<b>99</b>	2.5	2.0	<b>2.3</b>
7	POR02PG12-1	M1-7	All Blue	Purple	OR	2	OR	96	99	100	<b>98</b>	7.4	5.1	<b>6.3</b>
8	POR07PG20-2	POR02PG60-1	POR03PG6-3	Purple	OR	2	OR	94	96	98	<b>96</b>	3.4	3.1	<b>3.2</b>
9	POR07PG3-1	POR01PG22-1	POR02PG37-2	Purple	OR	2	OR	98	98	98	<b>98</b>	4.4	3.4	<b>3.9</b>
10	A06293-3Y	Pinto(ATND9331-2)	VCO967-2R/Y	Med Red-purple	ID	1	ID	100	89	X	<b>94</b>	6.3	2.5	<b>4.4</b>
11	COA07365-4RY	US147-96	CO99256-2R	Med Red-purple	ID	1	ID	99	100	X	<b>99</b>	2.6	3.0	<b>2.8</b>
12	A07327-3DY	Granola	Reiche	White	ID	1	ID	98	92	X	<b>95</b>	2.8	2.4	<b>2.6</b>
13	COA07039-4Y	AC00550-4RU	CO98067-7RU	White	ID	1	ID	100	100	X	<b>100</b>	2.4	2.2	<b>2.3</b>
14	NDA081451CB-1CY	Dakota Diamond	ND039173CAB-22	White	ID	2	ID	100	100	X	<b>100</b>	4.2	2.8	<b>3.5</b>

**TABLE 3: 2013 Tri-State Specialty Potato Variety Trial - VINE CHARACTERISTICS**

No	Clone	Vine Size <sup>1</sup>			Vine Maturity <sup>2</sup>				
		AB	PA	Means	Size	AB	PA	Means	Maturity
1	Chieftain	3.3	4.1	3.7	Med-large	3.3	3.9	3.6	Med--late
2	Yukon Gold	2.4	1.6	2.0	Small	2.0	1.9	1.9	Early
3	NDA050237B-1R	3.6	3.4	3.5	Med-large	3.9	3.8	3.8	Med--late
4	A05180-3PY	2.9	3.5	3.2	Med-large	3.0	3.6	3.3	Medium
5	A02267-1Y	2.4	3.1	2.8	Medium	2.6	3.3	2.9	Med Early
6	A05182-7RY	3.8	3.9	3.8	Med-large	4.0	4.0	4.0	Med--late
7	POR02PG12-1	2.8	3.1	2.9	Medium	1.6	2.8	2.2	Early
8	POR07PG20-2	1.3	3.6	2.4	Small	1.4	3.5	2.4	Early
9	POR07PG3-1	1.0	2.4	1.7	Small	1.1	3.3	2.2	Early
10	A06293-3Y	2.9	3.5	3.2	Med-large	1.8	3.3	2.5	Early
11	COA07365-4RY	2.6	2.0	2.3	Small	2.5	2.1	2.3	Early
12	A07327-3DY	2.9	3.9	3.4	Med-large	3.8	4.3	4.0	Med--late
13	COA07039-4Y	2.9	3.4	3.1	Med-large	2.4	3.3	2.8	Med Early
14	NDA081451CB-1CY	3.4	4.0	3.7	Med-large	4.1	3.6	3.9	Med--late

<sup>1</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>2</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 4: 2013 Tri-State Specialty Potato Variety Trial - TOTAL YIELD AND SPECIFIC GRAVITY**

No. Clone	TOTAL YIELD (CWT/A)						SPECIFIC GRAVITY					
	AB	PA	OR	WA	Entry Mean	Rank	AB	PA	OR	WA	Entry Mean	Rank
1 Chieftain	461	740	789	654	<b>661</b>	<b>2</b>	1.073	1.079	1.077	1.065	<b>1.073</b>	<b>6</b>
2 Yukon Gold	280	500	480	401	<b>415</b>	<b>11</b>	1.089	1.079	1.064	1.073	<b>1.076</b>	<b>4</b>
3 NDA050237B-1R	345	601	611	410	<b>492</b>	<b>8</b>	1.059	1.068	1.070	1.054	<b>1.063</b>	<b>14</b>
4 A05180-3PY	435	705	690	497	<b>582</b>	<b>4</b>	1.070	1.074	1.081	1.060	<b>1.071</b>	<b>10</b>
5 A02267-1Y	382	779	759	599	<b>630</b>	<b>3</b>	1.073	1.072	1.078	1.063	<b>1.072</b>	<b>9</b>
6 A05182-7RY	415	608	763	410	<b>549</b>	<b>6</b>	1.068	1.074	1.083	1.063	<b>1.072</b>	<b>8</b>
7 POR02PG12-1	143	515	512	251	<b>355</b>	<b>13</b>	1.077	1.074	1.090	1.063	<b>1.076</b>	<b>5</b>
8 POR07PG20-2	112	429	516	289	<b>337</b>	<b>14</b>	1.063	1.066	1.067	1.058	<b>1.063</b>	<b>13</b>
9 POR07PG3-1	297	596	524	300	<b>429</b>	<b>9</b>	1.074	1.075	1.075	1.059	<b>1.071</b>	<b>12</b>
10 A06293-3Y	187	643	x	x	<b>415</b>	<b>12</b>	1.078	1.064	x	x	<b>1.071</b>	<b>11</b>
11 COA07365-4RY	260	579	x	x	<b>420</b>	<b>10</b>	1.073	1.073	x	x	<b>1.073</b>	<b>7</b>
12 A07327-3DY	363	672	x	x	<b>518</b>	<b>7</b>	1.083	1.082	x	x	<b>1.083</b>	<b>2</b>
13 COA07039-4Y	349	776	x	x	<b>563</b>	<b>5</b>	1.078	1.081	x	x	<b>1.080</b>	<b>3</b>
14 NDA081451CB-1CY	583	805	x	x	<b>694</b>	<b>1</b>	1.081	1.085	x	x	<b>1.083</b>	<b>1</b>
<b>Location Means</b>	<b>329</b>	<b>639</b>	<b>627</b>	<b>423</b>	<b>505</b>		<b>1.074</b>	<b>1.075</b>	<b>1.076</b>	<b>1.062</b>	<b>1.072</b>	

**TABLE 5: 2013 Tri-State Specialty Potato Variety Trial - YIELD < 4 OZ (CWT/A & %)**

No. Clone	0-2 OZ or C's <1.34" (CWT/A)/%						2-4 OZ or B's <2.25" (CWT/A)/%					
	AB	PA	OR	WA	Entry Mean	Rank	AB	PA	OR	WA	Entry Mean	Rank
	1 Chieftain	11	23	7	20	<b>15</b>	<b>13</b>	36	81	42	128	<b>71</b>
	2	3	1	3	<b>2</b>	<b>14</b>	8	11	5	20	<b>11</b>	<b>13</b>
2 Yukon Gold	13	15	10	17	<b>14</b>	<b>14</b>	52	47	34	81	<b>53</b>	<b>13</b>
	4	3	2	4	<b>3</b>	<b>13</b>	18	10	7	20	<b>14</b>	<b>12</b>
3 NDA050237B-1R	21	39	8	47	<b>29</b>	<b>10</b>	85	100	62	137	<b>96</b>	<b>10</b>
	6	7	1	11	<b>6</b>	<b>10</b>	25	17	10	33	<b>21</b>	<b>9</b>
4 A05180-3PY	19	49	15	31	<b>29</b>	<b>11</b>	55	104	46	115	<b>80</b>	<b>11</b>
	4	7	2	6	<b>5</b>	<b>11</b>	13	15	7	23	<b>14</b>	<b>11</b>
5 A02267-1Y	38	82	10	26	<b>39</b>	<b>9</b>	58	169	79	119	<b>106</b>	<b>8</b>
	10	11	1	4	<b>6</b>	<b>9</b>	15	22	10	20	<b>17</b>	<b>10</b>
6 A05182-7RY	41	101	25	54	<b>55</b>	<b>7</b>	135	155	110	147	<b>137</b>	<b>4</b>
	10	17	3	13	<b>11</b>	<b>8</b>	32	26	14	36	<b>27</b>	<b>7</b>
7 POR02PG12-1	118	324	154	76	<b>168</b>	<b>1</b>	18	134	205	94	<b>113</b>	<b>7</b>
	82	64	30	30	<b>51</b>	<b>1</b>	13	26	40	38	<b>29</b>	<b>6</b>
8 POR07PG20-2	69	121	66	102	<b>90</b>	<b>2</b>	38	157	164	137	<b>124</b>	<b>6</b>
	61	29	13	35	<b>34</b>	<b>3</b>	34	37	32	48	<b>38</b>	<b>2</b>
9 POR07PG3-1	63	70	36	63	<b>58</b>	<b>6</b>	120	165	117	111	<b>128</b>	<b>5</b>
	21	12	7	21	<b>15</b>	<b>4</b>	41	28	22	37	<b>32</b>	<b>5</b>
10 A06293-3Y	143	25	x	x	<b>84</b>	<b>3</b>	35	158	x	x	<b>97</b>	<b>9</b>
	76	4	x	x	<b>40</b>	<b>2</b>	19	24	x	x	<b>22</b>	<b>8</b>
11 COA07365-4RY	45	49	x	x	<b>47</b>	<b>8</b>	130	177	x	x	<b>154</b>	<b>3</b>
	17	9	x	x	<b>13</b>	<b>6</b>	50	31	x	x	<b>41</b>	<b>1</b>
12 A07327-3DY	38	106	x	x	<b>72</b>	<b>5</b>	131	254	x	x	<b>193</b>	<b>2</b>
	10	16	x	x	<b>13</b>	<b>5</b>	36	38	x	x	<b>37</b>	<b>3</b>
13 COA07039-4Y	11	34	x	x	<b>22</b>	<b>12</b>	25	60	x	x	<b>43</b>	<b>14</b>
	3	5	x	x	<b>4</b>	<b>12</b>	13	8	x	x	<b>11</b>	<b>14</b>
14 NDA081451CB-1CY	44	117	x	x	<b>80</b>	<b>4</b>	186	263	x	x	<b>224</b>	<b>1</b>
	8	15	x	x	<b>11</b>	<b>7</b>	32	33	x	x	<b>33</b>	<b>4</b>
<b>Location Means</b>	<b>48</b>	<b>82</b>	<b>37</b>	<b>48</b>	<b>57</b>		<b>79</b>	<b>148</b>	<b>95</b>	<b>119</b>	<b>107</b>	
	<b>22</b>	<b>14</b>	<b>7</b>	<b>14</b>	<b>15</b>		<b>25</b>	<b>24</b>	<b>16</b>	<b>31</b>	<b>22</b>	

**TABLE 6: 2013 Tri-State Specialty Potato Variety Trial - YIELD US NO.1 4-6 OZ. AND 6-10 OZ. (CWT/A & %)**

No. Clone	4-6 OZ (CWT/A)/%						6-10 OZ (CWT/A)/%					
	AB	PA	OR	WA	Entry Mean	Rank	AB	PA	OR	WA	Entry Mean	Rank
1 Chieftain	86	139	127	210	<b>141</b>	<b>5</b>	179	300	190	220	<b>222</b>	<b>1</b>
	19	19	16	32	<b>22</b>	<b>9</b>	39	41	24	34	<b>34</b>	<b>1</b>
2 Yukon Gold	82	67	89	86	<b>81</b>	<b>12</b>	87	172	152	152	<b>141</b>	<b>7</b>
	29	13	19	22	<b>21</b>	<b>10</b>	31	35	32	38	<b>34</b>	<b>2</b>
3 NDA050237B-1R	92	118	130	93	<b>108</b>	<b>10</b>	90	200	194	89	<b>143</b>	<b>6</b>
	27	20	21	23	<b>23</b>	<b>8</b>	26	33	32	22	<b>28</b>	<b>6</b>
4 A05180-3PY	91	185	116	140	<b>133</b>	<b>6</b>	141	269	161	158	<b>182</b>	<b>3</b>
	21	26	17	28	<b>23</b>	<b>7</b>	32	38	23	32	<b>31</b>	<b>4</b>
5 A02267-1Y	105	175	172	144	<b>149</b>	<b>4</b>	120	263	152	205	<b>185</b>	<b>2</b>
	27	22	23	24	<b>24</b>	<b>6</b>	31	34	33	34	<b>33</b>	<b>3</b>
6 A05182-7RY	123	138	215	128	<b>151</b>	<b>3</b>	80	154	245	71	<b>138</b>	<b>8</b>
	30	23	28	31	<b>28</b>	<b>4</b>	19	25	32	17	<b>23</b>	<b>7</b>
7 POR02PG12-1	1	45	55	45	<b>37</b>	<b>14</b>	0	6	2	36	<b>11</b>	<b>14</b>
	0.4	8	11	18	<b>9</b>	<b>14</b>	0	1	0	14	<b>4</b>	<b>14</b>
8 POR07PG20-2	2	88	129	27	<b>62</b>	<b>13</b>	0	51	108	9	<b>42</b>	<b>13</b>
	2	20	25	9	<b>14</b>	<b>13</b>	0	11	21	3	<b>9</b>	<b>13</b>
9 POR07PG3-1	67	163	151	68	<b>112</b>	<b>9</b>	30	156	126	45	<b>89</b>	<b>10</b>
	22	27	29	23	<b>25</b>	<b>5</b>	10	26	24	15	<b>19</b>	<b>9</b>
10 A06293-3Y	6	221	x	x	<b>114</b>	<b>8</b>	0	200	x	x	<b>100</b>	<b>9</b>
	3	34	x	x	<b>19</b>	<b>11</b>	0	31	x	x	<b>16</b>	<b>10</b>
11 COA07365-4RY	65	192	x	x	<b>129</b>	<b>7</b>	14	140	x	x	<b>77</b>	<b>11</b>
	25	33	x	x	<b>29</b>	<b>3</b>	5	24	x	x	<b>15</b>	<b>11</b>
12 A07327-3DY	109	210	x	x	<b>160</b>	<b>2</b>	57	82	x	x	<b>70</b>	<b>12</b>
	30	31	x	x	<b>31</b>	<b>2</b>	16	12	x	x	<b>14</b>	<b>12</b>
13 COA07039-4Y	59	114	x	x	<b>87</b>	<b>11</b>	88	267	x	x	<b>178</b>	<b>4</b>
	17	15	x	x	<b>16</b>	<b>12</b>	25	35	x	x	<b>30</b>	<b>5</b>
14 NDA081451CB-1CY	192	156	x	x	<b>174</b>	<b>1</b>	136	162	x	x	<b>149</b>	<b>5</b>
	33	32	x	x	<b>33</b>	<b>1</b>	23	20	x	x	<b>22</b>	<b>8</b>
<b>Location Means</b>	<b>77</b>	<b>144</b>	<b>132</b>	<b>105</b>	<b>117</b>		<b>73</b>	<b>173</b>	<b>148</b>	<b>109</b>	<b>123</b>	
	<b>20</b>	<b>23</b>	<b>21</b>	<b>23</b>	<b>23</b>		<b>18</b>	<b>26</b>	<b>25</b>	<b>23</b>	<b>22</b>	



**TABLE 7: 2013 Tri-State Specialty Potato Variety Trial - YIELD US NO.1 >10 OZ. AND CULL (CWT/A & %)**

No. Clone	>10 OZ (CWT/A)/%						CULLS (CWT/A)/%					
	AB	PA	OR	WA	Entry Mean	Rank	AB	PA	OR	WA	Entry Mean	Rank
1 Chieftain	121	191	339	45	<b>174</b>	<b>2</b>	28	7	84	33	<b>38</b>	<b>4</b>
	26	26	43	7	<b>26</b>	<b>2</b>	6	1	11	5	<b>6</b>	<b>5</b>
2 Yukon Gold	29	195	158	40	<b>106</b>	<b>4</b>	19	4	37	24	<b>21</b>	<b>6</b>
	10	39	33	10	<b>23</b>	<b>3</b>	7	1	8	6	<b>6</b>	<b>6</b>
3 NDA050237B-1R	43	143	160	34	<b>95</b>	<b>5</b>	14	1	58	9	<b>20</b>	<b>7</b>
	12	23	26	8	<b>17</b>	<b>5</b>	4	0.1	9	2	<b>4</b>	<b>10</b>
4 A05180-3PY	86	87	223	41	<b>109</b>	<b>3</b>	43	10	129	11	<b>48</b>	<b>2</b>
	20	12	32	8	<b>18</b>	<b>4</b>	10	1	16	2	<b>7</b>	<b>3</b>
5 A02267-1Y	16	74	121	42	<b>63</b>	<b>6</b>	45	17	125	65	<b>63</b>	<b>1</b>
	4	9	16	7	<b>9</b>	<b>6</b>	12	2	16	11	<b>10</b>	<b>1</b>
6 A05182-7RY	22	59	132	4	<b>54</b>	<b>7</b>	14	1	36	5	<b>14</b>	<b>11</b>
	5	10	17	1	<b>8</b>	<b>7</b>	3	0.2	5	1	<b>2</b>	<b>11</b>
7 POR02PG12-1	0	0	0	0	<b>0</b>	<b>14</b>	7	6	97	1	<b>28</b>	<b>5</b>
	0	0	0	0	<b>0</b>	<b>14</b>	5	1	19	0.3	<b>6</b>	<b>4</b>
8 POR07PG20-2	0	2	14	0	<b>4</b>	<b>13</b>	3	9	34	13	<b>15</b>	<b>10</b>
	0	1	3	0	<b>1</b>	<b>13</b>	3	2	7	5	<b>4</b>	<b>8</b>
9 POR07PG3-1	3	34	49	7	<b>23</b>	<b>8</b>	14	8	45	6	<b>18</b>	<b>9</b>
	1	6	9	2	<b>5</b>	<b>8</b>	5	1	9	2	<b>4</b>	<b>7</b>
10 A06293-3Y	0	28	x	x	<b>14</b>	<b>9</b>	2	13	x	x	<b>8</b>	<b>13</b>
	0	4	x	x	<b>2</b>	<b>9</b>	1	2	x	x	<b>2</b>	<b>13</b>
11 COA07365-4RY	0	17	x	x	<b>9</b>	<b>10</b>	6	3	x	x	<b>5</b>	<b>14</b>
	0	3	x	x	<b>2</b>	<b>10</b>	2	0.5	x	x	<b>1</b>	<b>14</b>
12 A07327-3DY	7	5	x	x	<b>6</b>	<b>12</b>	22	15	x	x	<b>19</b>	<b>8</b>
	2	1	x	x	<b>2</b>	<b>10</b>	6	2	x	x	<b>4</b>	<b>9</b>
13 COA07039-4Y	86	281	x	x	<b>184</b>	<b>1</b>	60	20	x	x	<b>40</b>	<b>3</b>
	25	35	x	x	<b>30</b>	<b>1</b>	17	3	x	x	<b>10</b>	<b>2</b>
14 NDA081451CB-1CY	10	6	x	x	<b>8</b>	<b>11</b>	15	2	x	x	<b>9</b>	<b>12</b>
	2	1	x	x	<b>2</b>	<b>10</b>	3	0.2	x	x	<b>2</b>	<b>12</b>
<b>Location Means</b>	<b>30</b>	<b>80</b>	<b>133</b>	<b>24</b>	<b>61</b>		<b>21</b>	<b>8</b>	<b>72</b>	<b>19</b>	<b>25</b>	
	<b>8</b>	<b>12</b>	<b>20</b>	<b>5</b>	<b>10</b>		<b>6</b>	<b>1</b>	<b>11</b>	<b>4</b>	<b>5</b>	

**TABLE 8: 2013 Tri-State Specialty Potato Variety Trial - AVERAGE TUBER SIZE AND SHAPE**

No. Clone	Average Tuber Size (oz)					Tuber Shape <sup>1</sup>					(Length/Width Ratio)			
	AB	PA	OR	WA	Entry Means	AB	OR	WA	Entry Means		AB	PA	WA	Entry Means
1 Chieftain	6.3	5.5	6.7	4.8	<b>5.8</b>	2.0	2.0	1.0	<b>1.7</b>	Round	1.13	1.23	1.11	<b>1.16</b>
2 Yukon Gold	4.7	6.3	6.2	4.9	<b>5.5</b>	2.0	1.3	1.5	<b>1.6</b>	Round	1.07	1.16	1.22	<b>1.15</b>
3 NDA050237B-1R	4.4	4.8	5.2	3.6	<b>4.5</b>	1.6	1.8	1.3	<b>1.6</b>	Round	1.04	1.16	1.07	<b>1.09</b>
4 A05180-3PY	5.7	4.6	6.1	4.3	<b>5.2</b>	1.0	1.4	1.0	<b>1.1</b>	Round	0.99	1.04	1.04	<b>1.02</b>
5 A02267-1Y	4.0	3.8	5.1	4.6	<b>4.4</b>	2.0	1.3	1.3	<b>1.5</b>	Round	1.10	1.21	1.22	<b>1.18</b>
6 A05182-7RY	3.5	3.2	4.4	3.4	<b>3.6</b>	1.4	1.4	1.0	<b>1.3</b>	Round	1.16	1.33	1.12	<b>1.20</b>
7 POR02PG12-1	1.0	1.4	1.6	2.7	<b>1.7</b>	1.9	1.1	1.0	<b>1.3</b>	Round	1.41	1.25	1.18	<b>1.28</b>
8 POR07PG20-2	2.2	2.5	2.5	2.2	<b>2.3</b>	1.0	1.0	1.0	<b>1.0</b>	Round	1.03	1.05	1.08	<b>1.05</b>
9 POR07PG3-1	2.5	3.3	3.1	3.1	<b>3.0</b>	1.5	1.0	1.3	<b>1.3</b>	Round	0.98	1.13	1.19	<b>1.10</b>
10 A06293-3Y	1.2	4.6	x	x	<b>2.9</b>	1.8	x	x	<b>1.8</b>	Round	1.18	1.57	x	<b>1.38</b>
11 COA07365-4RY	2.7	3.8	x	x	<b>3.3</b>	1.0	x	x	<b>1.0</b>	Round	1.07	1.16	x	<b>1.11</b>
12 A07327-3DY	3.4	2.9	x	x	<b>3.1</b>	2.9	x	x	<b>2.9</b>	Blocky	1.35	1.56	x	<b>1.45</b>
13 COA07039-4Y	5.1	6.0	x	x	<b>5.5</b>	4.5	x	x	<b>4.5</b>	Long	1.75	1.81	x	<b>1.78</b>
14 NDA081451CB-1CY	3.7	3.1	x	x	<b>3.4</b>	1.0	x	x	<b>1.0</b>	Round	1.00	1.10	x	<b>1.05</b>
<b>Location Means</b>	<b>3.6</b>	<b>4.0</b>	<b>4.5</b>	<b>3.7</b>	<b>4.0</b>	<b>1.8</b>	<b>1.3</b>	<b>1.2</b>	<b>1.7</b>		<b>1.16</b>	<b>1.27</b>	<b>1.14</b>	<b>1.19</b>

<sup>1</sup> 1.0-2.0=Round, 2.1-2.5=Oval, 2.6-3.5=Blocky, 3.6-4.0=Oblong, 4.1-5.0=Long

**TABLE 9: 2013 Tri-State Specialty Potato Variety Trial - EYE DEPTH, TUBER SKIN AND FLESH COLOR**

No. Clone	Eye Depth <sup>1</sup>					Skin Color <sup>2</sup>					Flesh Color <sup>2</sup>					
	AB	PA	OR	WA	Entry Means	AB	PA	OR	WA	Entry Means	Color	AB	PA	OR	Entry Means	Color
1 Chieftain	2.9	2.1	3.4	3.3	<b>2.9</b>	3.0	2.5	2.5	3.0	<b>2.8</b>	Red	1.0	1.0	1.0	<b>1.0</b>	White
2 Yukon Gold	3.3	3.3	4.3	4.0	<b>3.7</b>	1.7	1.0	1.5	2.0	<b>1.5</b>	Yellow	2.5	2.8	1.5	<b>2.3</b>	Yellow
3 NDA050237B-1R	4.0	3.3	4.0	3.7	<b>3.7</b>	4.0	4.1	3.8	4.7	<b>4.1</b>	Red	1.0	1.0	1.0	<b>1.0</b>	White
4 A05180-3PY	4.3	2.0	3.9	3.0	<b>3.3</b>	4.8	4.5	3.8	5.0	<b>4.5</b>	Purple	2.8	1.6	1.0	<b>1.8</b>	Yellow
5 A02267-1Y	2.2	1.9	3.3	3.3	<b>2.7</b>	1.3	1.0	1.0	1.7	<b>1.2</b>	Yellow	2.7	2.0	2.0	<b>2.2</b>	Yellow
6 A05182-7RY	3.3	2.6	4.1	4.0	<b>3.5</b>	1.0	1.5	1.3	1.5	<b>1.3</b>	Yellow	2.7	1.9	2.0	<b>2.2</b>	Yellow
7 POR02PG12-1	3.0	2.6	3.1	4.0	<b>3.2</b>	1.0	1.0	1.0	1.5	<b>1.1</b>	Yellow	2.0	2.0	1.0	<b>1.7</b>	Yellow
8 POR07PG20-2	3.8	2.9	3.8	4.0	<b>3.6</b>	1.0	1.5	3.5	3.0	<b>2.3</b>	Pink-yellow	4.5	3.3	2.5	<b>3.4</b>	Yellow
9 POR07PG3-1	3.8	2.6	4.5	3.7	<b>3.6</b>	1.3	1.0	1.0	1.3	<b>1.1</b>	Yellow	3.3	3.4	2.0	<b>2.9</b>	Yellow
10 A06293-3Y	3.5	3.4	x	x	<b>3.4</b>	1.3	1.0	x	x	<b>1.1</b>	Yellow	3.7	2.0	x	<b>2.8</b>	Yellow
11 COA07365-4RY	4.3	3.4	x	x	<b>3.9</b>	3.7	4.5	x	x	<b>4.1</b>	Red	1.7	1.9	x	<b>1.8</b>	Yellow
12 A07327-3DY	4.5	3.0	x	x	<b>3.8</b>	2.6	1.0	x	x	<b>1.8</b>	Yellow	3.5	2.5	x	<b>3.0</b>	Yellow
13 COA07039-4Y	3.8	3.4	x	x	<b>3.6</b>	2.8	1.0	x	x	<b>1.9</b>	Yellow	2.3	2.3	x	<b>2.3</b>	Yellow
14 NDA081451CB-1CY	4.3	3.4	x	x	<b>3.8</b>	1.3	1.0	x	x	<b>1.1</b>	Yellow	2.0	2.3	x	<b>2.1</b>	Yellow
<b>Location Means</b>	<b>3.6</b>	<b>2.8</b>	<b>3.8</b>	<b>3.7</b>	<b>3.5</b>	<b>2.2</b>	<b>1.9</b>	<b>2.1</b>	<b>2.6</b>	<b>2.1</b>		<b>2.5</b>	<b>2.1</b>	<b>1.6</b>	<b>2.2</b>	

<sup>1</sup> Scale of 1-5; 1=deep, 5=shallow<sup>2</sup> Scale of 1-5 with higher number more intense color.

**TABLE 10: 2013 Tri-State Specialty Potato Variety Trial - TUBER APPEARANCE, UNIFORMITY, MERIT**

No. Clone	Appearance <sup>1</sup>			Uniformity <sup>1</sup>				Merit Score <sup>1</sup>			
	AB	PA	Entry Means	AB	OR	WA	Entry Means	AB	PA	WA	Entry Means
1 Chieftain	1.8	2.5	<b>2.2</b>	3.7	3.9	3.3	<b>3.6</b>	3.7	2.5	4.0	<b>3.4</b>
2 Yukon Gold	3.0	2.6	<b>2.8</b>	2.7	4.1	3.0	<b>3.3</b>	2.7	2.6	4.0	<b>3.1</b>
3 NDA050237B-1R	2.3	2.8	<b>2.5</b>	4.0	4.4	3.7	<b>4.0</b>	4.0	2.8	4.0	<b>3.6</b>
4 A05180-3PY	2.1	3.1	<b>2.6</b>	3.4	4.0	3.7	<b>3.7</b>	3.4	3.1	4.0	<b>3.5</b>
5 A02267-1Y	3.6	3.1	<b>3.4</b>	2.6	3.9	3.0	<b>3.2</b>	2.6	3.1	3.3	<b>3.0</b>
6 A05182-7RY	2.0	4.0	<b>3.0</b>	4.0	4.4	4.0	<b>4.1</b>	4.0	4.0	3.5	<b>3.8</b>
7 POR02PG12-1	2.3	2.6	<b>2.4</b>	3.8	3.5	4.0	<b>3.8</b>	3.8	2.6	4.0	<b>3.5</b>
8 POR07PG20-2	1.8	2.8	<b>2.3</b>	3.7	4.4	4.0	<b>4.0</b>	3.7	2.8	3.0	<b>3.1</b>
9 POR07PG3-1	3.5	3.3	<b>3.4</b>	4.3	4.3	3.3	<b>3.9</b>	4.3	3.3	3.7	<b>3.7</b>
10 A06293-3Y	2.6	3.3	<b>2.9</b>	4.0	x	x	<b>4.0</b>	4.0	3.3	x	<b>3.6</b>
11 COA07365-4RY	2.3	3.4	<b>2.9</b>	5.0	x	x	<b>5.0</b>	5.0	3.4	x	<b>4.2</b>
12 A07327-3DY	2.6	2.8	<b>2.7</b>	2.5	x	x	<b>2.5</b>	2.5	2.8	x	<b>2.6</b>
13 COA07039-4Y	3.3	1.8	<b>2.5</b>	2.0	x	x	<b>2.0</b>	2.0	1.8	x	<b>1.9</b>
14 NDA081451CB-1CY	2.5	3.0	<b>2.8</b>	4.3	x	x	<b>4.3</b>	4.3	3.0	x	<b>3.6</b>
<b>Location Means</b>	<b>2.5</b>	<b>2.9</b>	<b>2.7</b>	<b>3.6</b>	<b>4.1</b>	<b>3.6</b>	<b>3.7</b>	<b>3.6</b>	<b>2.9</b>	<b>3.7</b>	<b>3.3</b>

<sup>1</sup> Scale of 1-5; 5=best

**TABLE 11: 2013 Tri-State Specialty Potato Variety Trial - EXTERNAL DEFECTS**

No.	Clone	Skinning <sup>1</sup>			Shatter <sup>1</sup>					Greening <sup>1</sup>					Scab <sup>1</sup>				
		AB	PA	Entry Means	AB	PA	OR	WA	Entry Means	AB	PA	OR	WA	Entry Means	AB	PA	OR	WA	Entry Means
1	Chieftain	5.0	3.0	<b>4.0</b>	5.0	5.0	3.9	5.0	<b>4.7</b>	5.0	5.0	4.4	4.0	<b>4.6</b>	4.3	5.0	5.0	5.0	<b>4.8</b>
2	Yukon Gold	4.7	2.5	<b>3.6</b>	4.3	5.0	4.0	5.0	<b>4.6</b>	4.3	5.0	4.1	4.0	<b>4.4</b>	2.3	5.0	4.9	5.0	<b>4.3</b>
3	NDA050237B-1R	4.5	3.3	<b>3.9</b>	5.0	5.0	4.5	5.0	<b>4.9</b>	5.0	5.0	4.5	4.3	<b>4.7</b>	5.0	5.0	4.8	5.0	<b>5.0</b>
4	A05180-3PY	3.5	3.1	<b>3.3</b>	3.5	5.0	2.1	4.0	<b>3.7</b>	5.0	5.0	3.8	5.0	<b>4.7</b>	3.8	5.0	4.8	5.0	<b>4.6</b>
5	A02267-1Y	5.0	2.6	<b>3.8</b>	5.0	5.0	4.0	5.0	<b>4.8</b>	4.0	5.0	3.4	3.3	<b>3.9</b>	3.0	5.0	4.4	5.0	<b>4.3</b>
6	A05182-7RY	5.0	2.1	<b>3.6</b>	5.0	5.0	4.1	n/a	<b>4.7</b>	4.0	5.0	4.1	4.5	<b>4.4</b>	3.8	5.0	4.8	5.0	<b>4.6</b>
7	POR02PG12-1	5.0	2.0	<b>3.5</b>	4.8	5.0	3.6	4.0	<b>4.3</b>	3.8	5.0	3.9	4.0	<b>4.2</b>	3.5	5.0	4.6	5.0	<b>4.5</b>
8	POR07PG20-2	4.7	1.6	<b>3.1</b>	4.8	5.0	4.1	5.0	<b>4.7</b>	4.5	5.0	4.1	4.5	<b>4.5</b>	4.3	4.5	4.6	5.0	<b>4.6</b>
9	POR07PG3-1	4.5	2.3	<b>3.4</b>	5.0	5.0	3.8	4.0	<b>4.4</b>	4.5	5.0	3.1	4.0	<b>4.2</b>	4.0	5.0	4.6	5.0	<b>4.7</b>
10	A06293-3Y	3.5	1.9	<b>2.7</b>	5.0	5.0	x	x	<b>5.0</b>	4.3	5.0	x	x	<b>4.6</b>	4.0	5.0	x	x	<b>4.5</b>
11	COA07365-4RY	4.0	2.6	<b>3.3</b>	4.7	5.0	x	x	<b>4.8</b>	5.0	5.0	x	x	<b>5.0</b>	4.0	5.0	x	x	<b>4.5</b>
12	A07327-3DY	5.0	2.8	<b>3.9</b>	4.8	5.0	x	x	<b>4.9</b>	4.3	5.0	x	x	<b>4.6</b>	4.8	5.0	x	x	<b>4.9</b>
13	COA07039-4Y	5.0	3.5	<b>4.3</b>	5.0	5.0	x	x	<b>5.0</b>	5.0	5.0	x	x	<b>5.0</b>	4.0	5.0	x	x	<b>4.5</b>
14	NDA081451CB-1CY	5.0	3.5	<b>4.3</b>	5.0	5.0	x	x	<b>5.0</b>	4.3	5.0	x	x	<b>4.6</b>	4.3	5.0	x	x	<b>4.6</b>
<b>Location Means</b>		<b>4.6</b>	<b>2.6</b>	<b>3.6</b>	<b>4.8</b>	<b>5.0</b>	<b>3.8</b>	<b>4.6</b>	<b>4.5</b>	<b>4.5</b>	<b>5.0</b>	<b>3.9</b>	<b>4.2</b>	<b>4.5</b>	<b>3.9</b>	<b>5.0</b>	<b>4.7</b>	<b>5.0</b>	<b>4.6</b>

<sup>1</sup> Scale of 1-5; 5=best

**TABLE 12: 2013 Tri-State Specialty Potato Variety Trial - INTERNAL DEFECTS**

No. Clone	Percent Hollow Heart plus Brown Center					Percent Internal Brown Spot				Percent Net Necrosis/ Vascular Discoloration			
	AB	PA	OR	WA	Entry Means	AB	OR	WA	Entry Means	AB	PA	OR	Entry Means
1 Chieftain	2.5	2.5	0.0	0.0	<b>1.3</b>	0.0	42.5	0.0	<b>14.2</b>	0.0	5.0	2.5	<b>2.5</b>
2 Yukon Gold	0.0	2.5	12.5	0.0	<b>3.8</b>	0.0	25.0	0.0	<b>8.3</b>	0.0	22.5	2.5	<b>8.3</b>
3 NDA050237B-1R	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	12.5	0.0	<b>4.2</b>	0.0	0.0	2.5	<b>0.8</b>
4 A05180-3PY	5.0	0.0	5.0	0.0	<b>2.5</b>	0.0	30.0	0.0	<b>10.0</b>	0.0	0.0	0.0	<b>0.0</b>
5 A02267-1Y	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	22.5	0.0	<b>7.5</b>	0.0	7.5	7.5	<b>5.0</b>
6 A05182-7RY	0.0	0.0	0.0	n/a	<b>0.0</b>	0.0	15.0	n/a	<b>7.5</b>	0.0	0.0	0.0	<b>0.0</b>
7 POR02PG12-1	0.0	2.5	0.0	10.0	<b>3.1</b>	0.0	22.5	0.0	<b>7.5</b>	0.0	12.5	2.5	<b>5.0</b>
8 POR07PG20-2	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	37.5	0.0	<b>12.5</b>	0.0	0.0	2.5	<b>0.8</b>
9 POR07PG3-1	0.0	0.0	0.0	0.0	<b>0.0</b>	0.0	35.0	0.0	<b>11.7</b>	0.0	37.5	0.0	<b>12.5</b>
10 A06293-3Y	0.0	0.0	x	x	<b>0.0</b>	0.0	x	x	<b>0.0</b>	0.0	0.0	x	<b>0.0</b>
11 COA07365-4RY	0.0	10.0	x	x	<b>5.0</b>	0.0	x	x	<b>0.0</b>	0.0	12.5	x	<b>6.3</b>
12 A07327-3DY	0.0	0.0	x	x	<b>0.0</b>	0.0	x	x	<b>0.0</b>	0.0	2.5	x	<b>1.3</b>
13 COA07039-4Y	0.0	0.0	x	x	<b>0.0</b>	0.0	x	x	<b>0.0</b>	0.0	2.5	x	<b>1.3</b>
14 NDA081451CB-1CY	0.0	12.5	x	x	<b>6.3</b>	0.0	x	x	<b>0.0</b>	0.0	2.5	x	<b>1.3</b>
<b>Location Means</b>	<b>0.5</b>	<b>2.1</b>	<b>1.9</b>	<b>1.3</b>	<b>1.5</b>	<b>0.0</b>	<b>26.9</b>	<b>0.0</b>	<b>9.0</b>	<b>0.0</b>	<b>7.5</b>	<b>2.2</b>	<b>3.2</b>

**TABLE 13: 2013 Tri-State Specialty Potato Variety Trial - SOLIDS, ANTIOXIDANTS, VITAMIN C,  
AND GLYCOALKALOIDS - ABERDEEN**

No.	Clone	Solids Oven Dry (%)	AntiOxidants	Vitamin C (mg/100g FWB)	Glycoalkaloids (mg/100gFWB)
			ug/g (%FWB)		
1	Chieftain	20.01	432.8	22.88	3.22
2	NDA050237B-1R	17.60	243.1	16.46	2.67
3	A05180-3PY	19.52	218.3	18.73	0.56
4	Yukon Gold	23.34	183.5	32.36	1.68
5	A02267-1Y	18.92	na	19.59	1.31
6	A05182-7RY	19.87	251.9	18.52	2.13
7	POR02PG12-1	21.76	556.0	17.71	5.04
8	POR07PG20-2	18.80	798.0	27.07	3.79
9	POR07PG3-1	19.90	244.3	21.20	1.41
10	A06293-3Y	20.77	325.7	16.83	1.90
11	COA07365-4RY	19.40	217.3	18.19	1.60
12	A07327-3DY	22.82	437.7	17.46	6.63
13	COA07039-4Y	21.15	296.8	23.15	1.13
14	NDA081451CB-1CY	22.75	184.1	21.14	1.79
<b>Means</b>		<b>20.47</b>	<b>313.53</b>	<b>20.81</b>	<b>2.49</b>

FWB = fresh weight basis DWB = dry weight basis

Glycoalkaloids: The 2013 Lenape check from Aberdeen was 34.97 mg/100g

**TABLE 14: 2013 Tri-State Specialty Potato Variety Trial - CULINARY RESULTS**

No.	Clone	Parma		Othello				Final Ranking <sup>3</sup>
		Overall score <sup>1</sup>		Boiled	Baked	Microwaved	Total	
		Boiled only	Final Ranking <sup>2</sup>	(25 max)	(25 max)	(25 max)	(75 max)	
1	Chieftain	2.2	14	17.7	17.6	18.7	54.0	2
2	Yukon Gold	4.0	2	18.9	18.7	17.7	55.3	1
3	NDA050237B-1R	2.8	11	17.4	18.7	15.5	51.6	4
4	A05180-3PY	3.7	6	18.1	16.0	16.7	50.7	5
5	A02267-1Y	4.3	1	14.8	17.4	17.3	49.6	9
6	A05182-7RY	2.8	10	16.1	16.0	18.6	50.7	6
7	POR02PG12-1	3.1	8	16.5	16.6	17.3	50.5	8
8	POR07PG20-2	3.6	5	17.1	16.6	17.0	50.6	7
9	POR07PG3-1	2.2	13	17.1	18.3	18.4	53.8	3
10	A06293-3Y	3.7	4	x	x	x	x	x
11	COA07365-4RY	3.8	3	x	x	x	x	x
12	A07327-3DY	3.0	9	x	x	x	x	x
13	COA07039-4Y	2.6	12	x	x	x	x	x
14	NDA081451CB-1CY	3.2	7	x	x	x	x	x

<sup>1</sup> Scale of 1-5; 5=best<sup>2</sup> Tests were conducted after 3 months of storage<sup>3</sup> Tests were conducted in August



**TABLE 15: 2013 Tri-State Specialty Potato Variety Trial - AFTER STORAGE COMMENTS - PARMA**

No.	Clone	1-5=none	1-5=none	1-5 (5=best)	1-5 (5=best)	1=white, 5=dark	Storage diseases	Dormancy length (DAH) @ 45F
		Bronzing	Sprouting	Appearance	Condition	Current color		
1	Chieftain	2	4	3	3	red, 2	none	96
2	Yukon Gold	5	5	3	4	yellow, 4	none	129
3	NDA050237B-1R	4	4	4	3	red, 4	early blight	96
4	A05180-3PY	3	5	4	4	purple, 4	none	96
5	A02267-1Y	4	5	3	4	yellow, 3	early blight	139
6	A05182-7RY	5	4	3	3	yellow, 4	none	103
7	POR02PG12-1	4	1	2	2	yellow, 4	fusarium	<70
8	POR07PG20-2	4	2	2	2	yellow, 4	fusarium	<70
9	POR07PG3-1	5	2	2	2	yellow, 3	pink rot	<70
10	A06293-3Y	4	5	4	5	yellow, 2	none	124
11	COA07365-4RY	3	5	4	3	red, 5	early blight	96
12	A07327-3DY	4	4	2	2	yellow, 4	blackspot	96
13	COA07039-4Y	5	5	2	5	yellow, 5	fusarium	90
14	NDA081451CB-1CY	5	4	2	3	yellow, 3	none	104

**TABLE 16: 2013 Tri-State Specialty Potato Variety Trial - OTHER**

No.	Clone	Rhizoc <sup>1</sup>	Oversize >20 oz <sup>2</sup>	Size Uniformity
		OR	OR	WA
1	Chieftain	3.8	44.4	3.3
2	Yukon Gold	3.3	37.8	3.0
3	NDA050237B-1R	4.3	0.0	3.7
4	A05180-3PY	3.6	44.5	3.7
5	A02267-1Y	3.5	0.0	3.0
6	A05182-7RY	3.4	2.4	4.0
7	POR02PG12-1	3.5	0.0	4.0
8	POR07PG20-2	3.4	0.0	4.0
9	POR07PG3-1	3.8	0.0	3.3
10	A06293-3Y	x	x	x
11	COA07365-4RY	x	x	x
12	A07327-3DY	x	x	x
13	COA07039-4Y	x	x	x
14	NDA081451CB-1CY	x	x	x

**Location Means****3.6**<sup>1</sup> Scale of 1-5; 5=none<sup>2</sup> >20oz are included in >10oz category but most exceed greater than 4" diameter and would probably be used in alternative markets

**TABLE 17: 2013 Tri-State Specialty Potato Variety Trial - SUMMARY**

Clone	Total Yield	% 2-6 oz (premium)	Specific Gravity	Fresh Merit	Culinary Rating	After Storage Appearance	Dormancy length (DAH) @ 45F
1 Chieftain	661	33	1.073	3.4	14	3	96
2 Yukon Gold	415	34	1.076	3.1	2	3	129
3 NDA050237B-1R	492	44	1.063	3.6	11	4	96
4 A05180-3PY	582	37	1.071	3.5	6	4	96
5 A02267-1Y	630	41	1.072	3.0	1	3	139
6 A05182-7RY	549	55	1.072	3.8	10	3	103
7 POR02PG12-1	355	39	1.076	3.5	8	2	<70
8 POR07PG20-2	337	52	1.063	3.1	5	2	<70
9 POR07PG3-1	429	57	1.071	3.7	13	2	<70
10 A06293-3Y	415	40	1.071	3.6	4	4	124
11 COA07365-4RY	420	70	1.073	4.2	3	4	96
12 A07327-3DY	518	68	1.083	2.6	9	2	96
13 COA07039-4Y	563	27	1.080	1.9	12	2	90
14 NDA081451CB-1CY	694	65	1.083	3.6	7	2	104

TABLE 18: 2013 Tri-State Specialty Potato Variety Trial - LOCATION COMMENTS

Clone	ABERDEEN	PARMA	KLAMATH FALLS	OTHELLO
1 Chieftain	round, dark red-russeting, ATS	Nice color, good size, skinning	Typy, dull skin, large, bonze, russeting, mis-shaped	Good shape, uniform size. Some skinning.
2 Yukon Gold	typical, some misshaped	Heavy, low set, shiny, nice yellow	Smooth, russeting, black dot, impact bruise, nice, keep	Larger, excellent skin set, some sticky stolons.
3 NDA050237B-1R	nice, round, uniform	Nice red, good yield, look good, sharp, skinned	Smooth, mild skin, low black dot, rot, keep	Bad skinning, nice color.
4 A05180-3PY	round, dark purple, ATS, rot	Nice purple, good size, nice color, skinned	Shinny, rhizoc, bronz, large, poor, little skinny, shatter bruise, drop	Uniform size, nice purple color.
5 A02267-1Y	white, oval, deep purple eyes, pointy ends, misshapen	Pear shape, Lumpy	Black dot, road map, powder scab, green field frost, shinny, fair	Great skin and set, purple eyes, irregular shapes.
6 A05182-7RY	round, champain/pink eyes, nice uniform	Pretty champagne color, little lumpy, prolific	Typy, small, road map, russeting, pale dull skin,, no eye appeal, rhizoc	Smaller, good skin set.
7 POR02PG12-1	very small, sprouting	Small prolific, baby baker	Small, baby baker, impact bruise, lenticel scarings, drop	Nice shape and size, some skinning.
8 POR07PG20-2	small, round champain, sprouting	Light russet, different color	Sprouts, low black dot, smooth, typy	Strange color - orange/brown with pink eyes.
9 POR07PG3-1	small, round, white/pink eyes, few	Lumpy, pink splash, average yellow	sprouts, lenticel scaring, impact bruise, dullish, shatter bruise,	Irregular shape and size, ok skin.
10 A06293-3Y	oval, white/purple, very small, sprouting	Shiny, skin holds well, pear shape	x	x
11 COA07365-4RY	round, red, uniform, nice skin	Round, nice dark red	x	x
12 A07327-3DY	oval, russetting, points, ATS	Little pointy, light russet, average, skinning	x	x
13 COA07039-4Y	long, points, coma shape, not special	Folded ends, skinning, big, looks like russet, long	x	x
14 NDA081451CB-1CY	round, yellow, brow	Pale, yellow, badly skinned	x	x

ATS - attached stolons

# 2013 Tri-State Specialty Potato Variety Photos

Taken at Parma, Idaho

