

2001 IDAHO POTATO VARIETY TRIAL - SHELLEY, IDAHO (DeVerle and Bart Wattenbarger Farm).

Clone	Total Yield ---cwt/acre---	U.S. No. 1's					Culls & U.S. No.2	Specific Gravity	Hollow Heart/ ¹ Brown Center ---%---	Blackspot ² Bruise	Shatter ³ Bruise	Fry 40 ⁴ Color	Fry 45 ⁴ Color
		Yield	%	> 12 oz.	6 to 12 oz.	< 4 oz.							
RUSSET BURBANK	380	262	69	16	33	12	19	1.077	2	3.1	3.2	3.3	0.9
BANNOCK RUSSET	521	461	88	48	32	4	7	1.085	0	2.8	3.4	2.0	0.6
GEM RUSSET	408	351	86	29	45	8	6	1.085	2	3.3	2.9	1.8	0.4
UMATILLA	441	346	78	27	37	10	12	1.088	2	3.3	2.9	2.0	0.5
A84118-3	456	413	91	37	40	5	4	1.096	10	2.6	3.0	2.4	0.4
A8893-1	442	356	81	26	39	8	11	1.079	5	3.1	2.8	2.8	0.7
A9014-2	340	267	79	37	29	9	12	1.080	10	2.9	3.0	1.4	0.2
A9045-7	561	463	83	48	24	2	16	1.089	0	3.3	2.4	2.8	1.4
A90586-11	467	251	54	21	22	9	38	1.095	0	3.6	2.8	2.9	0.9
A92030-5	380	304	80	34	34	6	13	1.081	2	3.2	2.9	2.7	1.4
A93157-6LS	556	445	80	48	23	5	15	1.092	7	3.9	2.6	1.1	0.3
AO87277-6	479	368	77	27	37	6	17	1.085	0	3.2	3.3	2.6	0.9
Mean	453	357	79	33	33	7	14	1.086	3	3.2	2.9	2.3	0.7
LSD (.05)	63	70						0.004		0.2	0.2	0.4	0.4
LSD (.01)	84	93						0.005		0.3	0.3	0.6	0.5

¹ Hollow heart/brown center was measured by cutting tubers >12 oz.

² Blackspot bruise measured using the abrasive peel method, 1-5 scale where 1=resistant, 5=susceptible.

³ Shatter bruise measured using a 1-5 scale where 1=resistant, 5=susceptible.

⁴ USDA fry grade score with lower score indicating lighter color; potatoes stored at 40° or 45°F.