

**Table 2.** Effects of seed treatments on tuber yield and quality in the cultivar Russet Norkotah, San Luis Valley, Colorado, 2001

Treatment	Percent <sup>a</sup>										cwt/A <sup>b</sup>
	< 4 oz.	No.	4-10 oz.	No.	>10 oz.	No.	US #2s	No.	Culls	No.	
1. Control	10.3	26.1	48.3	51.2	32.5	17.4	7.4	4.4	1.5	0.9	419.5
2. Maxim MZ	9.3	23.5	51.8	54.2	33.0	18.3	3.9	2.6	2.0	1.3	418.3
3. Tops MZ	9.2	24.5	51.7	54.2	32.4	16.3	5.7	3.8	1.1	1.2	393.9
4. Evolve	6.7	18.8	51.7	57.0	37.3	21.2	2.5	2.0	1.8	0.9	398.2
5. A12778	10.1	24.8	48.0	52.4	35.3	19.0	5.3	3.2	1.2	0.7	471.6
6. A12534	9.4	23.6	45.5	50.2	38.3	21.6	5.9	3.8	0.9	0.7	431.5
7. A12777	11.2	27.0	55.3	56.6	28.0	13.3	3.6	2.2	1.8	0.9	385.8
8. A12919	10.8	26.0	55.2	55.8	29.0	15.3	3.8	2.2	1.1	0.6	421.5
9. PCC553	8.0	22.2	43.5	50.9	43.4	23.3	2.4	1.6	2.6	2.0	398.2
10. PCC553-1	10.9	26.7	54.0	55.9	30.6	14.6	3.7	2.3	0.8	0.6	471.4
11. PCC553-2	12.8	30.3	46.4	47.5	36.4	19.6	2.6	1.5	1.8	1.1	415.7
12. PCC553-3	12.4	28.3	53.8	54.3	31.0	15.7	2.1	1.1	0.7	0.6	433.4
LSD(P=0.05)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

<sup>a</sup> Based on tuber weight in pounds and tuber number, mean of four replications.

<sup>b</sup> Total yield expressed as hundred weight per acre, 1-18 foot row per treatment per replication, mean of four replications.