

Table 2. Effects of seed treatments on tuber yield and quality in the cultivar Russet Norkotah Selection 8, San Luis Valley, Colorado, 2002

Treatment/Rate	Percent ^a												Cwt/A ^b
	< 4 oz.	No.	4-6 oz.	No.	6-10 oz.	No.	>10 oz.	No.	US #2s	No.	Culls	No.	
1. Control	11.6	24.1	19.4	24.8	35.5	30.2	25.4	12.9	7.2	6.9	1.0	1.2	461.6
2. A12534 @ 4 oz./cwt	9.3	22.6	19.0	24.2	32.7	29.1	28.3	14.0	9.5	8.5	1.2	1.7	471.7
3. A12534 @ 8 oz./cwt	8.1	20.6	19.7	26.1	32.5	28.0	25.7	12.9	11.5	9.9	2.4	2.5	534.3
4. A12534 @ 4 oz./cwt + Quadris @ 25 oz./A IF	12.0	26.9	19.3	23.0	33.9	28.9	26.1	13.4	7.6	6.4	1.1	1.3	515.7
5. Quadris @ 25 oz./A IF	9.0	23.6	18.0	22.8	32.0	28.0	30.3	16.1	9.5	8.3	1.3	1.2	454.6
6. Tops MZ 8.5DS	8.2	19.5	18.9	25.6	33.8	29.3	29.2	16.1	8.8	8.0	1.1	1.4	479.8
7. Moncoat MZ 7.5DP	7.4	19.6	19.6	26.3	33.4	28.3	27.4	15.0	11.3	9.7	0.8	1.1	442.7
8. PCC553-1	9.0	22.0	17.1	22.3	38.1	33.9	28.5	14.5	6.3	5.8	1.0	1.6	465.7
9. PCC553-1 Mixed Blend	13.1	28.0	23.1	27.0	33.9	26.7	22.2	10.7	6.5	6.3	1.2	1.4	400.4
10. PCC553-1 Mixed Blend Plus	10.9	25.3	22.5	26.8	34.4	28.9	22.6	11.7	7.7	5.3	1.8	2.0	437.6
11. Blocker @ 7.5 pt./A IF	12.8	28.5	19.5	23.5	34.2	27.9	23.3	11.4	8.7	7.4	1.4	1.2	446.1
LSD(P=0.05)	3.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

^a Based on tuber weight in pounds and tuber number, mean of four replications.

^b Total yield expressed as hundred weight per acre, 1-30 foot row per treatment per replication, mean of four replications.