

Table 2. Effects of products applied at planting 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	13.8	29.0	18.9	22.8	30.8	26.3	28.8	14.6	6.1	5.5	1.6	1.8	458.9
2. Maxim 4FS @ 0.04 fl.oz./cwt on seed	12.6	27.2	17.9	22.1	31.4	26.2	31.0	16.8	5.3	4.7	1.8	2.8	474.5
3. Maxim 4FS @ 0.08 fl.oz./cwt on seed	12.8	29.6	14.3	16.6	28.9	24.9	33.6	18.5	7.0	6.3	3.3	4.1	434.4
4. Maxim MZ 10.1DP on seed	19.8	36.3	19.9	21.9	28.2	22.8	25.8	13.7	5.0	3.9	1.3	1.4	498.8
5. Moncoat MZ 7.5DP on seed	16.2	29.8	19.0	21.8	30.3	25.7	27.7	15.6	5.1	4.7	1.7	2.4	438.2
6. Tops MZ 8.5DS on seed	14.8	30.8	18.7	23.2	32.1	26.0	28.4	14.1	4.3	4.1	1.8	1.8	398.9
7. Maxim 4FS @ 0.04 fl.oz./cwt on seed + Mancozeb on seed	13.2	26.2	19.2	23.7	36.0	30.9	24.6	13.3	5.9	5.1	1.1	0.9	500.0
8. Maxim MZ 10.1 DP on seed + Quadris @ 25 oz./A IF	14.3	28.4	19.3	22.6	33.7	28.2	26.9	14.8	4.5	4.4	1.2	1.6	492.4
9. Moncoat MZ 7.5DP on seed + Quadris @ 25 oz./A IF	10.9	23.3	19.4	24.3	27.7	24.3	36.7	22.5	4.4	4.5	0.9	1.2	501.8
10. Tops MZ 8.5DS on seed + Quadris @ 25 oz./A IF	9.5	22.3	17.5	22.1	34.2	30.2	34.2	20.9	4.0	3.8	0.7	0.7	557.0
11. Moncut 70DF @ 0.75 lb./A IF	13.4	28.8	17.6	21.5	30.8	24.7	29.6	17.1	5.5	4.3	3.1	3.6	446.3
12. Moncut 70DF @ 1.0 lb./A IF	13.1	27.7	17.7	21.2	24.5	21.8	38.6	22.6	5.0	5.2	1.2	1.5	420.3
LSD (P=0.05)	NS	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.