

Table 2. Effects of products applied at planting on tuber yield and quality in the cultivar Russet Norkotah, San Luis Valley, Colorado, 2001

Treatment/Rate	Percent ^a										cwt/A ^b
	< 4 oz.	No.	4-10 oz.	No.	>10 oz.	No.	US #2s	No.	Culls	No.	
1. Control	12.5	30.7	50.6	50.2	29.6	14.9	6.2	3.4	1.1	0.8	417.4
2. A12534 on seed+Quadris, 1.5 oz.ai./A IF	12.4	28.2	57.7	56.8	24.4	11.9	4.4	2.2	1.2	0.9	402.9
3. A12777 on seed+Quadris, 1.5 oz.ai./A IF	13.5	28.2	58.5	57.3	23.2	11.8	3.1	1.6	1.7	1.1	375.8
4. Moncut 50W, 1.0 lb./A IF	11.4	26.0	50.1	51.9	28.4	14.8	8.6	6.2	1.4	1.0	434.9
5. Moncut 50W, 1.5 lb./A IF	9.6	26.1	48.8	51.1	34.1	18.7	5.7	3.1	1.8	0.9	401.8
6. Moncut 50W, 2.0lb./A + 5pt. Blocker IF	10.2	22.9	57.2	60.8	26.7	12.8	4.5	2.5	1.4	1.0	436.4
7. Blocker 10G, 25lb./A IF + Firbark Mancozeb	14.8	30.2	57.9	56.5	21.9	10.2	3.3	1.7	2.1	1.4	400.7
8. Blocker 4F, 7.5 pt./A IF + Firbark Mancozeb	17.0	34.9	52.8	49.1	22.9	11.7	5.0	3.0	2.3	1.2	390.5
9. Blocker 4F, 10.0 pt./A IF + Firbark Mancozeb	20.3	39.7	53.8	47.9	21.2	9.8	2.8	1.7	1.9	0.9	411.0
10. Maxim MZ on seed	11.6	26.6	50.2	52.6	31.0	16.4	4.3	2.5	2.9	1.9	416.1
11. Tops MZ on seed	14.0	31.8	51.3	50.3	25.6	13.4	4.8	3.0	4.4	1.6	413.1
LSD(P=0.05)	5.70	8.74	NS	NS	NS	NS	NS	2.53	NS	NS	NS

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

^bTotal yield expressed as hundred weight per acre, 1-18 foot row per treatment per replication, mean of four replications.