

Table 1. Effect of fungicides applied at planting on the incidence of powdery scab on tubers in the cultivar Cherry Red, San Luis Valley, Colorado, 2001

Treatment and Rate	Percent Incidence	Percent Healthy	Severity Index ^a
1. Control	24.6	75.4	45.1 b
2. Fluazinam, 7 pt./A In-furrow	2.2	97.8	2.2 d
3. Fluazinam, 7 pt./A 1/3 In-furrow, 1/3 over seed, 1/3 at row closing	9.2	90.8	9.2 cd
4. Fluazinam, 7 pt./A on row top after closure at planting	29.5	70.5	45.5 b
5. Tops MZ on seed	19.4	80.6	19.4 bcd
6. Evolve on seed	10.0	90.0	10.0 cd
7. Moncut 50W, 1.0 lb./A In-furrow	10.7	89.3	15.9 bcd
8. Moncut 50W, 1.5 lb./A In-furrow	25.3	74.7	36.6 bc
9. Moncut 50W, 2.0 lb./A In-furrow	14.3	85.7	14.3 bcd
10. Manex, 5 qt./A In-furrow	17.0	83.0	25.3 bcd
11. Super Tin, 8 oz./A In-furrow	20.2	79.8	23.8 bcd
12. Quadris, 4.5 pt./A In-furrow	9.8	90.2	11.5 cd
13. Planting date May 17	14.4	85.6	21.6 bcd
14. Planting date May 25	31.4	68.6	44.3 b
15. Planting date June 1	37.6	62.4	83.6 a
LSD(P=0.05)	14.3	7.0	31.9

^aSeverity Index = mean percent of the number of affected tubers, 5 plants/treatment/replication multiplied by the severity of the lesions, where 1 = not severe and 5 = very severe.

Means followed by the same letters are not significantly different at P=0.05 for Severity Index.

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