

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, 2002

Cultivar	Percent Incidence	Percent Healthy	Severity Index ^a
1. Control, no treatment	30.8	69.2	100.8
2. Omega @ 3 pt./A, In-furrow	12.5	87.5	23.3
3. Omega @ 6 pt./A, In-furrow	10.8	89.2	30.8
4. Evolve on seed	15.0	85.0	32.5
5. Quadris @ 4 pt./A, In-furrow	18.3	81.7	49.2
6. Quadris @ 8 pt./A, In-furrow	19.2	80.8	45.0
7. Quadris @ 12 pt./A, In-furrow	16.7	83.3	21.7
8. Blocker @ 5 gal./A, In-furrow	21.7	78.3	55.0
9. Evolve on seed + Omega @ 3 pt./A, In-furrow	7.5	92.5	10.8
10. Omega @ 3 pt./A, In-furrow + Quadris @ 8pt./A, In-furrow	13.3	86.7	35.8
11. Evolve on seed + Omega @ 3 pt./A, In-furrow + Quadris @ 8pt./A, In-furrow	15.8	84.2	24.2
12. Zinc EDTA @ 13.23 lb.ai./A, In-furrow	20.8	79.2	52.5
13. Planting date May 17	30.0	70.0	83.3
14. Planting date May 24	9.2	90.8	15.8
15. Planting date May 31	15.8	84.2	43.3
16. Planting date June 7	35.0	65.0	90.0
LSD(P=0.05)	NS		NS

^aSeverity Index = mean percent of the number of affected tubers, 40 tubers/treatment/replication multiplied by the severity of the lesions, where 1 = not severe and 5 = very severe.

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