Entomology Appendix B. 0 to 9 Scale for Rating Sugarbeet Root Maggot Feeding Injury

Treatment performance in preventing sugarbeet root maggot feeding injury was quantified for all root maggot control trials by rating beets on the 0 to 9 root injury rating scale of Campbell et al. (2000). Criteria for respective points on the scale are as follows:

0 = no scars
1 = 1 to 4 small (pin head size) scars
2 = 5 to 10 small scars
3 = 3 large scars or scattered small scars
4 = few large scars and/or numerous small scars
5 = several large scars and/or heavy feeding on laterals
6 = up to 1/4 root scarred
7 = 1/4 to 1/2 of root blackened by scars
8 = 1/2 to 3/4 root blackened by scars
9 = more than 3/4 of root area blackened

Reference Cited: