ABSTRACT

A trial was established in 1989 to evaluate tree growth and yield response from four nematode control treatments in an orchard stunted as a result of root-lesion nematode (average 2064/1000 cc soil).

Treatments, replicated 27 times, include: Nemacur-3; Inarched paradox rootstock (2/tree); Inarched paradox rootstock (2/tree) + Nemacur-3; Fall planted barley cover crop, and an untreated check the Nemacur and barley treatments will be applied for two years.

Tree trunk circumferences and nematode levels were taken before each treatment was established. Post treatment trunk circumference data and nematode levels will be taken in 1989, 90 and 91. If there is a significant difference in tree growth in 1991 yield data will be collected.