COMBINATIONS OF 1,3-DICHLOROPROPENE PLUS CHLOROPICRIN FOR NEMATODE AND SOIL-BORNE DISEASE CONTROL IN VEGETABLES

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Field tests were conducted in Florida, California, and North Carolina comparing three formulations of 1,3-dichloropropene (1,3-D) plus chloropicrin, i.e., Telone* C-17, Telone C-25 and Telone C-35, to methyl bromide for nematode and soil-borne disease control in 1995. For the three I,3-D plus chloropicrin ratios tested, the 1,3-D rate was held constant while the chloropicrin rate varied. Treatments were applied in the manner that vegetable growers apply methyl bromide. Measurements on nematode counts, root injury, disease incidence and severity, and yields showed that Telone C-35 performed similar to methyl bromide and generally was superior to Telone C-17 and Telone C-25.

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