Optimum Spraying Procedure to Control Vegetable Soybean Insect Pests

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Abstracts

Vegetable soybean production is now facing a major problem caused by insect pests. The objective was to fine out the optimum procedure in insecticide application. There composed of 5 application: 4, 5, 6, 7 and 8 times (4 times at 20, 30, 40 and 50 days after planting, 5 times at 20, 34, 41, 49 and 56 days after planting, 6 times at 7, 20, 34, 42, 48 and 55 days after planting, 7 times at 7, 15, 24, 33, 40, 47 and 53 days after planting and 8 times at 7, 14, 21, 28, 35, 42, 49 and 56 days after planting) The experiment was conducted in the field at CMFCRC during 2004 to 2005. The number of bean fly (Malanagromyza sojae), white fly (Bemisia tabaci), leaf roller (Lamprosema spp.) and aphid (Aphis glycines) were conducted on 20 plants of cultivar AGS 292 per plot. The study showed that the insecticide application 6, 7 and 8 times effectively controlled the 4 insect pests.

Key words: optimum insecticide spraying, vegetable soybean, soybean insect pests.