

动物生产层

24种杀虫剂防治白刺古毒蛾药效试验

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摘要:

通过24种杀虫剂田间药效试验,筛选出10种对白刺古毒蛾(Orgyia antiqua)具有优良防效的杀虫剂,即类产碱SC、10%天罗地网EC、25%黑光灯EC、4.5%氯氰菊酯EC、草毒蛾SC、2.5%敌杀死EC、3%金永安EC、5%速杀星EC、1.8%阿维菌素EC和10%金大地WP,防效均在90%以上,其中类产碱SC、草毒蛾SC、1.8%阿维菌素EC具有低毒、高效、持效期长等特点,可作为古毒蛾防治首选杀虫剂使用。10%天罗地网EC、25%黑光灯EC、4.5%氯氰菊酯EC、2.5%敌杀死EC、3%金永安EC、5%速杀星EC、10%金大地WP具有防效快特点,可与类产碱SC、草毒蛾SC、1.8%阿维菌素EC在古毒蛾暴发年份交替使用或混合使用,以延缓抗性的产生。

关键词: 杀虫剂 白刺古毒蛾 药效试验

The control effectiveness of 24 pesticides on Bazaria turensis

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Abstract:

A field experiment was conducted to select the optimal pesticides from 24 pesticides for control Bazaria turensis. This study showed 10 pesticides among 24 pesticides performed well, and they were Pseudomonas pseudoalcaligenes SC, 10% Cyfluthrin EC, 25% Profenophos EC, 4.5% Cypermethrin EC, Gynaephora ruoergensis chou et yin Nuchear polyHedrosis rirus SC, 2.5% Deltarmethrin EC, 3% β Cypermethrin EC, 5% β Cypermethrin Admire EC, 1.8% Avermectin EC and 10% Imidacloprid WP, in which Pseudomonas pseudoalcaligenes SC, G. ruoergensis chou et yin Nuchear polyHedrosis rirus SC, and 1.8% Avermectin EC showed a lower toxicity and higher efficiency and long effective period, and they had the priority for controlling the larva of B. turensis. The 10% Cyfluthrin EC, 25% Profenophos EC, 4.5% Cypermethrin EC, 2.5% Deltarmethrin EC, 3% β Cypermethrin EC, 5% β Cypermethrin Admire EC and 10% Imidacloprid WP showed a faster control effect on B. turensis. Application of selecting 10 pesticides together postponed the time of pesticides resistance of B. turensis.

Keywords: pesticide Orgyia antiqua control effective experiment

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