

植物保护—研究报告

黑龙江省西部草地蝗虫主要种类及综合治理研究

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摘要:

本项研究的目的在于确定危害黑龙江省西部草地的蝗虫优势种及其防治方法。经过调查研究确定危害黑龙江省西部草原的草地蝗虫其常见种类大约有17种, 优势种主要有8种。这些优势种在不同的植被条件下发生的数量有所不同, 发生的时间早晚有所不同。草地蝗虫的最佳防治适期为3龄前, 当种群密度较大时, 应及时采用化学防治压低虫口密度; 当种群密度一般或较小时可采用生物防治, 防治措施以生物防治为主, 以化学防治为辅, 生物防治与化学防治并举, 达到最终防治蝗虫的目的。

关键词: 草地, 草地蝗虫 种类 危害特点

Study on Main Species of Grasshoppers and Their Integrated Control in Grassland of West Heilongjiang Province

Abstract:

This study aimed to identify the dominant species of grasshopper and to find a method of prevention and control in west grassland of Heilongjiang province. There were 17 common species of grasshoppers that injured grassland in West of Heilongjiang Rangeland through investigation, of which there were 8 dominant species. These dominant species occurred differently in number and time according to separate vegetation. The best prevention and cure time was before 3 stadium grasshoppers. When dense of species group was bigger chemical control way should be taken to decrease insect population, opposite situation biological control method should be applied. The biological control was first way and the chemical control was second, both two ways were applied in order to realize the aim of prevention and cure of grasshoppers ultimately.

Keywords: grassland, grasshopper, species, harmful characteristics

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