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中国寄生虫学与寄生虫病杂志 2012, Vol. 30 Issue (1) :17-19 DOI:

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### 蚊虫的摄糖习性及其在蚊虫控制中应用的研究进展

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#### Research Progress on the Sugar-feeding Behavior of Mosquitoes and its Application in Mosquito Control

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摘要

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**摘要** 多个蚊种的雌雄成蚊均需通过摄取自然界中的糖分以获得维持其正常生理活动所需的能量, 针对该习性研制的带毒糖诱剂 (ATSB) 初步应用显示, 其可明显减少蚊虫种群数量。本文对近年蚊虫摄糖习性及其在蚊虫控制中的应用研究进展作简要介绍。

**关键词:** 蚊 摄糖 带毒诱剂

**Abstract:** The energy of the physiological activities for both male and female mosquitoes is provided by feeding sugar outdoors. The attractive toxic sugar bait (ATSB) was developed according to the behavior, and showed a good result in reducing mosquito population size. This paper introduces the progress on the sugar-feeding behavior of mosquitoes and application in vector-borne disease control.

**Keywords:** Mosquito Sugar-feeding Attractive toxic sugar bait

#### 引用本文:

姜进勇1, 2, 马雅军1\*, 周红宁2. 蚊虫的摄糖习性及其在蚊虫控制中应用的研究进展[J] 中国寄生虫学与寄生虫病杂志, 2012, V30(1): 17-19

JIANG Jin-yong1, 2, MA Ya-jun1\*, ZHOU Hong-ning2. Research Progress on the Sugar-feeding Behavior of Mosquitoes and its Application in Mosquito Control[J], 2012, V30(1): 17-19

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