



首页

期刊介绍

编委会

期刊订阅

下载中心

留言板

联系我们

English

云南农业大学学报(自然科学) » 2011, Vol. 26 » Issue (4) :449-454 DOI:

植物保护 [最新目录](#) | [下期目录](#) | [过刊浏览](#) | [高级检索](#)

[<< Previous Articles](#) [Next Articles >>](#)

甜玉米间作蔬菜对主要病虫害的控制作用研究

1. 云南农业大学 农学与生物技术学院, 云南 昆明 650201; 2. 云南曲靖市麒麟区农业局, 云南 曲靖 655000; 3. 云南省通海县农业技术推广中心, 云南 通海 652700; 4. 云南省师宗县气象局, 云南 师宗 675500

Control Efficacy of Intercropping of Sweet Maize and Vegetables on Main Pest and Disease

1. College of Agronomy and Biotechnology, Yunnan Agricultural University, Kunming 650201, China; 2. Agricultural Center of Qilin, Yunnan Province, Qijing 655000, China; 3. Agricultural technology Popularizing Center of Tonghai County, Yuxi 652700, China; 4. Meteorological Bureau of Shizong County, Shizong 675500, China

摘要

参考文献

相关文章

Download: [PDF \(900KB\)](#) [HTML 1KB](#) Export: [BibTeX](#) or [EndNote \(RIS\)](#) [Supporting Info](#)

摘要 2004-2005年, 在云南通海县设置甜玉米与甘蓝和辣椒间作试验小区, 研究了甜玉米与蔬菜间作种植对作物主要病虫害的控制作用。结果表明: 玉米与甘蓝以2:4带型间作种植后, 玉米锈病、玉米小斑病、甘蓝霜霉病平均病情指数均低于其它种植模式、小菜蛾虫口密度也明显低于其1:4带型及其它种植模式。玉米与辣椒以2:4带型间作种植后, 间作辣椒霜霉病、蚜虫及棉铃虫虫口密度均低于辣椒单作田。由此, 玉米与甘蓝、辣椒以2:4带型种植对玉米、甘蓝和辣椒主要病虫害具有明显的控制作用, 可用于无公害蔬菜的栽培管理。

关键词: 甜玉米 甘蓝 辣椒 间套作 病虫害

Abstract: Study on the control efficacy of the intercropping of sweet maize and vegetables on main pest and disease was conducted from 2004~2005, in Tonghai County, Yunnan. The results showed that the disease index of maize rust, maize small spot and cabbage mildew were significantly lower in the intercropping of 2:4 in lines by maize intercropped with pepper and Chinese cabbages than that of other planting systems, and it was the same for the density of *Plutella xylostella*. The disease index of phytophthora bright of pepper was lower than that of in pepper monocrop under the intercropping pattern of 2:4 in line of maize intercropped with pepper, moreover, the density of aphids and cotton bollworm on pepper plants were also significantly lower than that of from monocropping. Overall, sweet maize intercropped with cabbage of pepper is useful for the control of main disease and pests on maize, cabbage and pepper, and the intercropping of sweet maize intercropped with cabbage or pepper can be available for the pollutionfree vegetables production.

Keywords: sweet maize cabbage pepper intercropping pest and disease

Fund:

云南省科技厅国际合作项目(2003GH05)

引用本文:

安瞳昕1, 代平2**, 吴伯志1**, 牛华林3, 代龙坤4. 甜玉米间作蔬菜对主要病虫害的控制作用研究[J] 云南农业大学学报(自然科学), 2011, V26(4): 449-454

AN Tong-xin1, DAI Ping2, WU Bo-zhi1, NIU Hua-lin3, DAI Long-kun4. Control Efficacy of Intercropping of Sweet Maize and Vegetables on Main Pest and Disease[J] Journal of Yunnan Agricultural University, 2011, V26(4): 449-454

Service

- [把本文推荐给朋友](#)
- [加入我的书架](#)
- [加入引用管理器](#)
- [Email Alert](#)
- [RSS](#)

[作者相关文章](#)