

全国中文核心期刊 中国科技核心期刊

RCCSE中国核心学术期刊

ISSN 0529-1542

CN 11-1982/S



植物保护

Plant Protection

热烈庆祝《植物保护》创刊

50 周年

1963-2013



中国植物保护学会

China Society of Plant Protection

中国农业科学院植物保护研究所

Institute of Plant Protection, CAAS

ISSN 0529-1542



万方数据

2013

第39卷第5期

目次

特约稿件

加快现代植保技术体系建设的对策研究

..... 张跃进, 吴立峰, 刘万才, 等(1)

昆虫化学生态学研究进展及未来展望

..... 闫凤鸣, 陈巨莲, 汤清波(9)

小麦重大病虫害综合防治技术体系..... 陈万权(16)

中国水稻害虫治理对策的演变及其展望

..... 祝增荣, 程家安(25)

我国粮食作物病毒病发生与防控现状

..... 燕 飞, 孙丽英, 尚佑芬, 等(33)

我国蔬菜重要害虫研究现状与展望

..... 张友军, 吴青君, 王少丽, 等(38)

我国苹果主要病害研究进展与病害防治中的问题

..... 李保华, 王彩霞, 董向丽(46)

突发性暴发性害虫监测预警研究进展 张云慧, 程登发(55)

我国农业鼠害发生状况及防控技术进展

..... 郭永旺, 王 登, 施大钊(62)

棉蚜抗药性及其化学防治 梁 彦, 张 帅, 邵振润, 等(70)

生物农药研究进展与未来展望..... 邱德文(81)

农药残留研究进展与展望..... 郑永权(90)

抗药性杂草与治理 张朝贤, 黄红娟, 崔海兰, 等(99)

中国外来入侵物种数据库简介

..... 冼晓青, 陈 宏, 赵 健, 等(103)

研究报告

三叶斑潜蝇热激蛋白 *Hsp90* 基因的克隆及其在高温胁迫

下的表达分析..... 吉青战, 王海鸿, 雷仲仁, 等(110)

北京及周边地区 7 个地理种群的亚洲小车蝗 mtDNA COI

基因序列分析..... 李云龙, 李 霞, 梁铁双, 等(117)

CO₂ 浓度倍增对水稻和褐飞虱蜜露中游离氨基酸浓度的影响

..... 黄建利, 石宝坤, 胡朝兴, 等(123)

绿色荧光蛋白基因标记棉花黄萎病菌

..... 徐 明, 桂月晶, 祁伟彦, 等(128)

毫米波扫描昆虫雷达数据处理分析系统

..... 胡晓文, 陈 林, 张云慧, 等(134)

滞育持续期对草地螟滞育解除后蛹生长发育的影响

..... 吕晓飞, 江幸福, 罗礼智(140)

不同寄主扩繁的丽蚜小蜂对粉虱的控效差异及评价

..... 王 娟, 陈红印, 张礼生, 等(144)

斯氏小盲蝥蟥取食 3 种花粉和椭圆食粉蟥的实验种群生命表

..... 陈 霞, 张艳璇, 季 洁, 等(149)

大草蛉对 3 种蚜虫的捕食能力研究

..... 孙丽娟, 衣维贤, 赵川德, 等(153)

一株具有抗真菌活性的放线菌菌株 FXj9 的分离和鉴定

..... 余佳清, 张志斌, 李希茜, 等(158)

牛角花齿蓟马为害对紫花苜蓿 MDA 含量及防御酶

活性的影响 寇江涛, 师尚礼, 胡桂馨(165)

影响昆虫病原线虫共生菌发酵液杀虫活性相关因子研究

..... 张奎花, 钱秀娟, 刘长仲(172)

温度和初始种群密度对象耳豆根结线虫侵染番茄的影响

..... 黄娟华, 卓 侃, 林柏荣, 等(177)

细菌性穿孔病危害对李树叶蛋白质和氨基酸含量的影响

..... 余德亿, 姚锦爱, 黄 鹏, 等(181)

3 种杀螨剂对顶孢霉菌菌株胞外蛋白酶和几丁质酶活性的影响

..... 王 婧, 杨立龙, 陈 娥, 等(186)

球孢白僵菌 BD-B015 可湿性粉剂配方的筛选

..... 周 婷, 安立娜, 刘 倩, 等(190)

昆虫病原线虫 *Steinernema carpocapsae* A11 品系叶面应用

辅助剂的筛选 金永玲, 韩日畴, 丛 斌(194)

广 告 陶氏益农(封 2); 中保科技(封 3); 克胜(封底); 好收成

(插 1); 上格之路(插 2); 本刊刊庆(插 3); 本刊简介(插 4)

其 他 征订启事(127、148、164); 书讯(143)

CONTENTS

Countermeasures to accelerate development of modern plant protection technology system in China	Zhang Yuejin, Wu Lifeng, Liu Wancai, et al(1)
Advances and perspectives in insect chemical ecology	Yan Fengming, Chen Julian, Tang Qingbo(9)
Integrated management of diseases and insect pests on wheat	Chen Wanquan(16)
The evolution and perspective of rice insect pest management strategy in China	Zhu Zengrong, Cheng Jiaan, Zhao Maojun, et al(25)
Occurrence of cereal viral diseases and their control in China	Yan Fei, Sun Liying, Shang Youfen, et al(33)
Current status and prospects of the important insect pests on the vegetable crops in China	Zhang Youjun, Wu Qingjun, Wang Shaoli, et al(38)
Research progress in apple diseases and problems in the disease management in China	Li Baohua, Wang Caixia, Dong Xiangli(46)
Progress in monitoring and forecasting of insect pests in China	Zhang Yunhui, Cheng Dengfa(55)
Rodent damages and the management of agricultural rodent pests in China	Guo Yongwang, Wang Deng, Shi Dazhao(62)
Insecticide resistance in and chemical control of the cotton aphid, <i>Aphis gossypii</i> (Glover)	Liang Yan, Zhang Shuai, Shao Zhenrun, et al(70)
Research progress and prospect of bio-pesticides	Qiu Dewen(81)
Development and prospects of the research on pesticide residues	Zheng Yongquan(90)
Herbicide-resistant weeds and their management	Zhang Chaoxian, Huang Hongjuan, Cui Hailan, et al(99)
Introduction to the database of invasive alien species in China	Xian Xiaoping, Chen Hong, Zhao Jian, et al(103)
Cloning and expression of heat shock protein 90 gene in relation to heat stress in the leafminer, <i>Liriomyza trifolii</i>	Ji Qingzhan, Wang Haihong, Lei Zhongren, et al(110)
Sequence analysis of mtDNA COI gene of 7 geographical populations of <i>Oedaleus asiaticus</i> in Beijing and surrounding regions	Li Yunlong, Li Xia, Liang Tieshuang, et al(117)
Influence of elevated CO ₂ concentration on contents of free amino acids in rice plants and honeydew of the brown planthopper	Huang Jianli, Shi Baokun, Hu Chaoxing, et al(123)
<i>Verticillium dahliae</i> labeled with green fluorescent protein gene	Xu Ming, Gui Yuejing, Qi Weiyan, et al(128)
A data processing and analysis system for millimetric scanning entomological radar	Hu Xiaowen, Chen Lin, Zhang Yunhui, et al(134)
Effects of diapause duration on the growth and development of post-diapause pupae in the beet webworm <i>Loxostege sticticalis</i>	Lü Xiaofei, Jiang Xingfu, Luo Lizhi(140)
Control effects of <i>Encarsia formosa</i> populations reared on different hosts to <i>Trialeurodes vaporariorum</i> and <i>Bemisia tabaci</i>	Wang Juan, Chen Hongyin, Zhang Lisheng, et al(144)
Laboratory population life table of <i>Typhlodromips swirskii</i> (Athias-Henriot) feeding on different pollens and <i>Aleuroglyphus ovatus</i> (Troupeau)	Chen Xia, Zhang Yanxuan, Ji Jie, et al(149)
Predatory capacity of <i>Chrysopa pallens</i> (Rambur) to three species of aphids	Sun Lijuan, Yi Weixian, Zhao Chuande, et al(153)
Isolation and identification of an antifungal actinomycete strain FXj9	Yu Jiaqing, Zhang Zhibin, Li Xixi, et al(158)
Effect of <i>Odontothrips loti</i> damage on MDA content and defensive enzyme activity in alfalfa plants	Kou Jiangtao, Shi Shangli, Hu Guixin(165)
Influence factors on insecticidal activity of symbiotic bacteria from entomopathogenic nematodes	Zhang Kuihua, Qian Xiujuan, Liu Changzhong(172)
Effects of temperature and initial population density on the infection of <i>Meloidogyne enterolobii</i> on tomato plants	Huang Juanhua, Zhuo Kan, Lin Borong, et al(177)
Effects of bacterial shot-hole stress on proteins and amino acids contents in leaves of plum trees	Yu Deyi, Yao Jin'ai, Huang Peng, et al(181)
Influence of 3 kinds of acaricides on activity of the extracellular protease and chitinase produced by <i>Acremonium hansfordii</i>	Wang Jing, Yang Lilong, Chen E, et al(186)
Screening of the formula for wettable powder of <i>Beauveria bassiana</i> BD-B015	Zhou Ting, An Lina, Liu Qian, et al(190)
Screening of adjuvants for entomopathogenic nematodes of <i>Steinernema carpocapsae</i> A11 strain in foliar application	Jin Yongling, Han Richou, Cong Bin(194)