

全国中文核心期刊 中国科技核心期刊

ISSN 0529-1542

CN 11-1982/S

RCCSE中国核心学术期刊



植物保护

Plant Protection



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

2013

第39卷第3期

ISSN 0529-1542



万方数据

目 次

研究报告

- Cry8Gal 蛋白对华北黑鳃金龟幼虫主要酶活性的影响
..... 谭树乾,尹 姣,李克斌,等(1)
- 螺旋粉虱感染蜡蚧轮枝菌对其保护酶和解毒酶活性的影响
..... 刘烁安,符悦冠,黄武仁,等(7)
- β -蜕皮激素对异色瓢虫羧酸酯酶基因表达及酶活性影响的初步研究
..... 张超群,庞海玉,宇 佳,等(12)
- 甜菜夜蛾 *GSTs1* 基因 mRNA 表达特征及氯虫苯甲酰胺对其表达量的影响
..... 刘 佳,李如美,周小毛(18)
- 新疆不同棉花品种游离脯氨酸与抗蚜性的关系
..... 芦 屹,王惠卿,王佩玲,等(22)
- 草地螟迁入和再迁飞种群的生理环境特征分析
..... 程云霞,刘科科,康爱国,等(26)
- 生态稻田及常规稻田节肢动物群落结构特征的比较研究
..... 王凯学,张清泉,陈丽丽,等(31)
- 三种葱属作物挥发物和提取液对植物病原真菌和卵菌的抑菌活性
..... 杨 敏,梅馨月,廖静静,等(36)
- 茶丽纹象甲触角感器的扫描电镜观察
..... 高 宇,陈宗懋,孙晓玲(45)
- 新疆番茄黄化曲叶病毒检测及其 DNA-A 基因组序列分析
..... 丁英娜,李世访,张 升,等(51)
- 马铃薯 Y 病毒云南昭通烟草分离物的检测及年度间差异比较
..... 卢 训,丁 铭,方 琦,等(56)
- 烟草镰刀菌根腐病菌致病粗毒素的研究
..... 赵 杰,王 静,李乃会,等(61)
- 抗 TMV 生防菌 YNLP-2 的筛选与鉴定
..... 王 盼,杨金广,申莉莉,等(67)
- 格氏沙雷菌 CNY-04 对灰霉病菌作用机制及抑菌物质理化性质研究
..... 陆继臣,迟乃玉,张庆芳(73)
- 甘肃马铃薯疮痂病原初步鉴定
..... 康 蓉,王生荣(78)
- 西瓜绵腐病菌生物学特性研究
..... 刘志恒,滕晓菲,侯 悦,等(83)
- 25%氟菌·唑醚水分散粒剂配方及其对马铃薯晚疫病的田间防效
..... 张 鹏,王文桥,黄啟良,等(89)

实验方法与技术

- 柑橘溃疡病菌的普通 LAMP 及快速 LAMP 检测方法的建立
..... 张 仑,殷幼平,吴瑜佳,等(95)
- 利用 Real-time RT-PCR 方法检测苹果中苹果茎沟病害
..... 王 鹏,李 玉,李世访(102)
- 甘蓝枯萎病菌 REMI 转化体系的建立
..... 冯建海,张 玮,李兴红,等(108)
- WinSEEDLE 系统在测定刺萼龙葵种子维度中扫描分辨率的优化
..... 杨 龙,张朝贤,黄红娟,等(112)

研究简报

- 拮抗细菌 HD-86 发酵液稳定性及对相似穿孔线虫的活性
..... 朱莲英,符美英,赵志祥,等(116)
- 舞毒蛾触角感器的超微结构观察
..... 马 菲,于艳雪,陈乃中,等(120)
- 邱氏异爪蝗各虫态发育起点温度和有效积温
..... 张 娜,王小奇,韩秀军,等(124)

调查研究

- 纵卷叶螟绒茧蜂在不同类型田的发生规律
..... 马 恒,杨 洪,郅军锐,等(126)
- 云南低热河谷地区冬季稻飞虱传播的水稻病毒病调查及防治建议
..... 郭 荣,吕建平,肖文祥,等(131)
- 芒果蓟马种类及常见药剂对优势种的田间防效
..... 谢永辉,李朝琴,李正跃,等(136)
- 二点委夜蛾两种新型性诱芯田间诱蛾性能比较
..... 李 霞,盛 如,王振营,等(141)
- 稻田杂草眼子菜对磺酰脲类除草剂的抗性研究
..... 叶照春,王 楠,陆德清,等(144)
- 安徽省萧县禾谷类孢囊线虫发生与分布规律
..... 张 胜,王龙平,檀根甲,等(148)
- 危害红掌的穿孔线虫形态和分子鉴定
..... 高月荣,陈昌龙,杨光穗,等(153)
- 华中黑头三节叶蜂调查研究初报
..... 吴步梅,张文利,徐 琼,等(158)

技术与应用

- 康乃馨锈病原鉴定及药剂筛选
..... 陈 刚,梁巧兰,徐秉良,等(161)
- 洞庭湖区防鼠墙对东方田鼠防治效果调查
..... 张美文,沈 果,王 勇,等(167)
- 三种药剂喷雾和灌根施药方式对西花蓟马的残留毒力
..... 李 飞,王相晶,吴青君,等(173)
- 不同杀虫剂对苹果黄蚜的毒力及复配研究
..... 庾 琴,王 振,封云涛,等(178)
- 氟虫双酰胺防治水稻纵卷叶螟研究
..... 唐 涛,刘都才,刘雪源,等(182)
- 不同土壤处理剂对设施蔬菜黄瓜根结线虫防治技术研究
..... 席先梅,白全江,张庆萍,等(186)
- 药剂拌种对大麦条纹病的防治效果
..... 杜文芳,左磊丽,何 敏,等(190)
- 封面照片 刺萼龙葵(说明见 123 页) 魏守群,杨龙
- 广 告 陶氏益农(封 2);中保科技(封 3);克胜(封底);好收成(插 1);燕化(插 2);上格之路(插 3);中加美康(插 4)
- 其 他 下期要目(6);会议信息(77,140);征订启事(88)

CONTENTS

- Effects of Cry8Gal toxin on the activities of main enzymes in *Holotrichia oblita* larvae Tan Shuqian, Yin Jiao, Li Kebin, et al(1)
- Variation in the activities of protective and detoxification enzymes in *Aleurodicus dispersus* infected by *Verticillium lecanii* Liu Shuoan, Fu Yueguan, Huang Wuren, et al(7)
- Preliminary study on the effects of ecdysterone on CarE mRNA expression and carboxylesterase activity of *Harmonia axyridis* (Coleoptera: Coccinellidae) Zhang Chaoqun, Pang Haiyu, Yu Jia, et al(12)
- Characteristics of mRNA expression of GSTs1 gene in *Spodoptera exigua* and the effect of chlorantraniliprole on its expression Liu Jia, Li Rumei, Zhou Xiaomao(18)
- Correlation between resistance to aphids and free proline of different cotton varieties in Xinjiang Lu Yi, Wang Huiqing, Wang Peiling, et al(22)
- The physiological and environmental aspects of an immigrant and re-emigrant population of beet webworm, *Loxostege sticticalis* Cheng Yunxia, Liu Keke, Kang Aiguo, et al(26)
- Comparative studies on arthropod community structure characteristics between ecological rice paddies and conventional rice paddies Wang Kaixue, Zhang Qingquan, Chen Lili, et al(31)
- Antimicrobial activity of volatiles and extracts of 3 *Allium* crops to plant pathogenic fungi and oomycetes Yang Min, Mei Xinyue, Liao Jingjing, et al(36)
- Antennal sensilla of the tea weevil *Myloccerinus aurolineatus* Gao Yu, Chen Zongmao, Sun Xiaoling(45)
- Molecular detection and analysis of the complete nucleotide sequences of TYLCV isolates from Xinjiang Ding Yingna, Li Shifang, Zhang Sheng, et al(51)
- Detection and variation analysis of *Potato virus Y* tobacco isolates in Zhaotong, Yunnan Province from 2009 to 2011 Lu Xun, Ding Ming, Fang Qi, et al(56)
- A study on the pathogenic crude toxin of the tobacco root rot extracted from *Fusarium* sp. Zhao Jie, Wang Jing, Li Naihui, et al(61)
- Selection and identification of a bio-control bacterial strain YNLP-2 with inhibitory activity against TMV Wang Pan, Yang Jinguang, Shen Lili, et al(67)
- Antimicrobial activity of *Serratia grimesii* CNY-04 against *Botrytis cinerea* and characteristic analysis of antagonistic substances Lu Jichen, Chi Naiyu, Zhang Qingfang(73)
- Preliminary identification of the pathogen of potato scab in Gansu Kang Rong, Wang Shengrong(78)
- Biological characteristics of *Pythium aphanidermatum* causing watermelon fruit rot Liu Zhiheng, Teng Xiaofei, Hou Yue, et al(83)
- Formulation and control efficacy of 25% fluopicolide + pyraclostrobin WG against the potato late blight in the field Zhang Peng, Wang Wenqiao, Huang Qiliang, et al(89)
- Regular LAMP and fast LAMP for the detection of *Xanthomonas axonopodis* pv. *citri* Zhang Lun, Yin Youping, Wu Yujia, et al(95)
- Quantitative detection of *Apple stem grooving virus* from apple by Real-time RT-PCR Wang Peng, Li Yu, Li Shifang(102)
- Construction of transformation system in *Fusarium oxysporum* f. sp. *conglutinans* by REMI Feng Jianhai, Zhang Wei, Li Xinghong, et al(108)
- Optimization of scanning resolution for measuring seed dimension of *Solanum rostratum* with WinSEEDLE system Yang Long, Zhang Chaoxian, Huang Hongjuan, et al(112)
- Stability of the fermentation supernatant from the antagonistic bacterium HD-86 and its activity against *Radopholus similis* Zhu Lianying, Fu Meiyang, Zhao Zhixiang, et al(116)
- Observation on the ultrastructure of the antennal sensilla in *Lymantria dispar* Ma Fei, Yu Yanxue, Chen Naizhong, et al(120)
- The threshold temperature and effective accumulated temperature of each stage of *Euchorthippus cheui* Zhang Na, Wang Xiaoqi, Han Xiujun, et al(124)
- Occurrence regularity of *Apanteles cypris* in different paddy fields Ma Heng, Yang Hong, Zhi Junrui, et al(126)
- Investigation on rice virus diseases transmitted by rice plant hoppers in low and hot valley of Yunnan Province in winter and suggestion on virus diseases management Guo Rong, Lü Jianping, Xiao Wenxiang, et al(131)
- Investigation on mango thrips species and control effect of common pesticides against dominant species Xie Yonghui, Li Chaoqin, Li Zhengyue, et al(136)
- Comparison of trapping efficacy of two kinds of sex pheromone lure of *Athetis lepigone* in field Li Xia, Sheng Ru, Wang Zhenying, et al(141)
- Resistance of *Potamogeton distinctus* to the sulfonyleurea herbicides in paddy field in Guizhou Ye Zhaochun, Wang Nan, Lu Deqing, et al(144)
- Occurrence and distribution of cereal cyst nematode in Xiao County of Anhui Province Zhang Sheng, Wang Longping, Tan Genjia, et al(148)
- Morphological and molecular identification of the burrowing nematode *Radopholus similis* from *Anthurium andraeanum* Gao Yuerong, Chen Changlong, Yang Guangsui, et al(153)
- Preliminary report of investigation on *Arge huazhongia* Wu Bumei, Zhang Wenli, Xu Qiong, et al(158)
- Identification of the pathogen of carnation rust and its chemical control Chen Gang, Liang Qiaolan, Xu Bingliang, et al(161)
- A survey on effect of the rodent-proof wall for controlling *Microtus fortis* in Dongting Lake area Zhang Meiwen, Shen Guo, Wang Yong, et al(167)
- Residual toxicities of three insecticides applied by root-drenching and spraying to the western flower thrips Li Fei, Wang Xiangjing, Wu Qingjun, et al(173)
- Toxicity test of different pesticides and their mixed formulation against *Aphis citricola* Yu Qin, Wang Zhen, Feng Yuntao, et al(178)
- Study on control efficacies of flubendiamide on rice leaf-roller Tang Tao, Liu Ducai, Liu Xueyuan, et al(182)
- Control effect of different nematocides to the root-knot nematodes in greenhouse cucumber Xi Xianmei, Bai Quanjiang, Zhang Qingping, et al(186)
- Control efficiency of fungicides by seed dressing on barley stripe disease Du Wenfang, Zuo Leili, He Min, et al(190)