

植物保护学报

第48卷 第4期

目次

研究论文

- 近年来中国马铃薯晚疫病的时空演变特征及防控情况分析 李洁 闫硕 张芳 李小波 任彬元 胡同乐 国立耘 窦道龙 王晓丹 (703)
- 稻瘟菌二肽基肽酶V基因 *DppV* 的功能分析 聂燕芳 冷梅钦 李冠军 李洁玲 李华平 李云锋 (712)
- 云南省六个水稻产区稻瘟病菌三个无毒基因的组成及其致病型 王群 毕云青 孔垂思 金桂梅 杨明英 李进斌 (723)
- 四川省眉山市六个柑橘品种上衰退病毒分离株的组群构成、基因型及遗传特征 钟可 易龙 周俊 陈波 黄爱军 (732)
- 麦冬主要病害病原菌巢式多重PCR检测方法的建立 杨怡华 王明郎 曹瑛艳 申屠旭萍 俞晓平 (742)
- 瓠瓜果斑病症状及其病原菌的鉴定 罗群 李艳敏 林钗 孙超 高其康 楼兵干 (748)
- 青海省青稞根腐病调查及病原菌鉴定 李雪萍 许世洋 汪学苗 张怡忻 范雨轩 漆永红 李敏权 (757)
- 甘蔗新品种及主栽品种对甘蔗梢腐病的自然抗性 单红丽 王晓燕 杨昆 王长秘 仓晓燕 黄应昆 (766)
- 葡萄白腐病菌对抑霉唑的敏感基线及其与不同杀菌剂的交互抗性 李宝燕 石洁 田园园 聂乐兴 王英姿 (774)
- 挥发性化合物2-甲基苯并噻唑对核盘菌和灰葡萄孢的抑制效应 扈景晗 王东 东保柱 孟焕文 赵君 周洪友 (781)
- 咯菌腈羧酸衍生物内吸传导性及对香蕉枯萎病的防效测定 吴瀚翔 陈志彬 肖春霞 赖多 姚光凯 徐汉虹 (789)
- 草地贪夜蛾卵黄原蛋白基因的分子特征及表达特性 赵静 邱之雨 肖留斌 谭永安 姜义平 柏立新 (798)
- 烟蚜茧蜂基因组中微卫星分布特点及分子标记开发 李冰艳 冯增贝 张玉洁 杨海林 李虎 彩万志 (806)
- 基于EPG技术分析苜蓿品种对苜蓿蚜的抗性 于良斌 徐林波 王子彤 王丹阳 韩海斌 康爱国 庞红岩 (814)
- 亮腹釉小蜂成虫触角感受器的超微结构 刘燕梅 曾浩源 王姿烨 郭墅濠 卢梓潼 张利荷 邱宝利 桑文 (822)
- 枸杞奈实蝇幼期各虫态的形态发育特征 尹祝华 陈君 徐常青 刘赛 郭昆 乔海莉 (830)
- 三种果园中实蝇粘虫板对橘小实蝇及天敌的诱杀作用 龚碧涯 刘慧 向敏 杨水芝 肖伏莲 刘娟 李先信 (839)
- 温度及光周期对日本食蚜蚜小蜂发育与繁殖的影响 李贤 符悦冠 陈俊谕 王建赞 朱俊洪 张方平 (848)
- 波长、密度和光强对黏虫趋光行为的影响 张杰 刘振兴 雷朝亮 朱芬 (855)
- 湘中丘陵陵区自然景观异质性与稻田捕食性天敌保护及生态控害效能的相关性 刘雨芳 阳菲 谢美琦 田滕滕 (862)
- 气候变暖背景下柑橘木虱在中国的适生区变化 刘丹 姚俊萌 余焰文 段里成 蔡哲 (872)
- 基于物种分布模型对未来气候变化下云南松毛虫在四川省适生区的预测 吴思俊 朱天辉 譙天敏 (882)
- 典型黄土残塬沟壑区啮齿动物群落分布格局及其时空动态 杨新根 刘炜 邹波 常文英 王庭林 (891)
- 华北棉区棉铃虫对三种杀虫剂的抗性监测 胡红岩 任相亮 马小艳 马亚杰 宋贤鹏 王丹 李欢欢 马艳 (900)
- 八角茴香浸提液对白背飞虱的取食、产卵选择性及杀虫活性的影响 王淳静 项楚一 金路 陈永根 王霞 周国鑫 (907)
- 香茅精油微乳液对朱砂叶螨的生物活性及其解毒酶系活性的影响 程作慧 樊芳芳 王旗 刘庆 张鹏 李锐 李生才 (914)

研究简报

- 温带国家与热带国家外来入侵动物比较分析 丁子玮 宋昱东 杨益芬 高峰 赵紫华 (921)
- 沉默基因 *OsHRG-7* 增强水稻对褐飞虱的抗性 王静静 高庆 张月白 娄永根 (923)
- 采用实时荧光环介导等温扩增检测方法鉴定茶黄硬蓟马 黄丽莉 李茵 刘英 彭徽 寇海群 (925)
- 山东省济南市探照灯诱集昆虫种类及种群动态分析 宋海燕 李丽莉 张晴晴 孙晨可 李超 卢增斌 朱振国 于毅 门兴元 (927)
- 芙蓉花叶病毒广东分离物的分子特征和序列分析 汤亚飞 张丽 李正刚 蓝国兵 于琳 何自福 余小漫 (929)
- 花生矮化病毒和番茄环斑病毒的双重DPO-RT-PCR检测 袁俊杰 袁淑珍 卢乃会 马新华 杨卓瑜 龙阳 (931)
- 河南省商丘市豇豆白粉病病原菌鉴定 裴冬丽 韩霜 (933)
- 2017—2019年江西番茄晚疫病菌生理小种分布及其对甲霜灵的敏感性 何烈干 周云峰 邹芬 李湘民 黄瑞荣 马辉刚 (935)

封面照片: 烟蚜茧蜂 *Aphidius gifuensis* Ashmead 陈华燕 摄

JOURNAL OF PLANT PROTECTION

2021 Vol. 48 No. 4

CONTENTS

Research reports

- Analysis of spatio-temporal characteristics and control of potato late blight in recent years in China Li Jie, et al. (703)
- Functional analysis of dipeptidyl-peptidase V gene *DppV* in rice blast fungus *Magnaporthe oryzae* Nie Yanfang, et al. (712)
- Three avirulence genes composition and pathotype structure among *Magnaporthe oryzae* isolates from six rice growing areas of Yunnan Province Wang Qun, et al. (723)
- Group composition, genotype and genetic characteristics of citrus tristeza virus isolates from six citrus cultivars in Meishan, Sichuan Province Zhong Ke, et al. (732)
- Nested multiplex PCR to detect two major fungal pathogens of mondo grass *Ophiopogon japonicus* Yang Yihua, et al. (742)
- Symptoms of fruit blotch in bottle gourd and identification of its pathogen Luo Qun, et al. (748)
- Field survey and pathogen identification of naked barley root rot in Qinghai Province Li Xueping, et al. (757)
- Natural resistance of new and main cultivated sugarcane varieties to pokkah boeng Shan Hongli, et al. (766)
- The sensitivity to imazalil and cross-resistance against several other fungicides in grapevine white rot pathogen *Coniella diplodiella* Li Baoyan, et al. (774)
- The inhibitory effect of the volatile compound 2-methyl benzothiazole on pathogenic fungi *Sclerotinia sclerotiorum* and *Botrytis cinerea* Hu Jinghan, et al. (781)
- Systemicity of fludioxonil derivatives with a carboxylic acid function and their control effect against *Fusarium* wilt of banana Wu Hanxiang, et al. (789)
- Molecular and expression characteristics of vitellogenin gene in fall armyworm *Spodoptera frugiperda* Zhao Jing, et al. (798)
- Characterization of the distribution of microsatellites in the genome of the parasitoid *Aphidius gifuensis* and development of molecular markers Li Bingyan, et al. (806)
- Analysis of the resistance of alfalfa varieties to groundnut aphid *Aphis craccivora* using electrical penetration graph technique Yu Liangbin, et al. (814)
- Ultrastructure of the antennal sensilla of ectoparasitoid *Tamarixia radiata* adults Liu Yanmei, et al. (822)
- Morphological and developmental characteristics of preimaginal stages of lycium fruit fly *Neoceratitis asiatica* Yin Zhuhua, et al. (830)
- Effectiveness of sticky traps in trapping oriental fruit fly *Bactrocera dorsalis* and the natural enemies in three kinds of orchards Gong Biya, et al. (839)
- Effects of temperature and photoperiod on the development and reproduction of endoparasitoid wasp *Coccophagus japonicus* Compere Li Xian, et al. (848)
- Effects of wavelength, density and light intensity on phototactic behavior of oriental armyworm *Mythimna separata* Zhang Jie, et al. (855)
- Correlations between the natural landscape heterogeneity and the conservation and ecological control efficiency of predatory natural enemies in rice fields in hilly regions of the central Hunan Province Liu Yufang, et al. (862)
- Suitable distribution changes of Asian citrus psyllid *Diaphorina citri* in China under global warming Liu Dan, et al. (872)
- Projections of Yunnan pine moth *Dendrolimus houi* in Sichuan Province under future climate change based on species distribution model Wu Sijun, et al. (882)
- Distribution pattern and spatiotemporal dynamics of rodent communities in the Loess Gullied-Hilly Area Yang Xingen, et al. (891)
- Resistance monitoring of cotton bollworm *Helicoverpa armigera* to three insecticides in northern China Hu Hongyan, et al. (900)
- Effects of star anise *Illicium verum* extracts on feeding and ovipositional selectivity of white-backed rice planthopper *Sogatella furcifera* and their insecticidal activities Wang Zhunjing, et al. (907)
- Bioactivities of citronella oil microemulsion against *Tetranychus cinnabarinus* (Acari: Tetranychidae) and its effect on the detoxification enzyme activities Cheng Zuohui, et al. (914)

Notes

- Comparative analysis of invasive alien animals between temperate and tropical countries Ding Ziwei, et al. (921)
- Silencing *OsHRG-7* gene enhances the resistance of rice to the brown planthopper *Nilaparvata lugens* Wang Jingjing, et al. (923)
- Identification of chilli thrips *Scirtothrips dorsalis* based on a real-time fluorescence loop-mediated isothermal amplification protocol Huang Lili, et al. (925)
- The species and population dynamics of insects attracted by searchlight traps in Jinan, Shandong Song Haiyan, et al. (927)
- Molecular characteristics and sequence analysis of the complete genome of turnip mosaic virus isolates from Guangdong, China Tang Yafei, et al. (929)
- Duplex DPO-RT-PCR detection of peanut stunt virus and tomato ringspot virus Yuan Junjie, et al. (931)
- Identification of a powdery mildew pathogen on *Vigna unguiculata* in Shangqiu City, Henan Province Pei Dongli, et al. (933)
- Distribution of physiological races of potato late blight pathogen *Phytophthora infestans* derived from tomato during 2017—2019 in Jiangxi and their sensitivities to metalaxyl He Liegan, et al. (935)