

植物保护学报

第45卷 第2期

目次

研究论文

- 烟蚜茧蜂种内寄主识别与内部竞争 梁启富 刘冬冬 刘同先 (187)
- 红颈常室茧蜂对绿盲蝽及其为害寄主植物的选择行为 ... 戴维健 潘洪生 修春丽 罗淑萍 杨益众 陆宴辉 (194)
- 管侧沟茧蜂寄生对粘虫在玉米植株上分布位置选择性的影响 ... 李 贞 褚艳娜 李建成 路子云 张青文 刘小侠 (201)
- 补充外源营养对螟蛉绒茧蜂寿命和繁殖力的影响 李小敏 刘君昂 董文统 何苑峰 张 茜 周国英 (208)
- 基于线粒体 *COI* 基因序列的大豆食心虫不同地理种群遗传分化 ... 史树森 崔 娟 朱诗禹 徐 伟 王小奇 (214)
- 基于EPG分析无翅型和有翅型柑橘蚜虫的取食行为 赵如娜 何应琴 鲁卓越 陈文龙 王雪峰 周常勇 (223)
- Q型烟粉虱成虫传播番茄褪绿病毒的能力 李娇娇 于 毅 张秀霞 竺晓平 刘永光 张安盛 (228)
- 温湿度、光照周期和寄主植物对小地老虎求偶及交配行为的影响 向玉勇 刘同先 张世泽 (235)
- 高、低温处理时间对东方粘虫成虫能源物质及飞行能力的影响 ... 张 南 解幸承 成卫宁 仵均祥 李怡萍 (243)
- 一点缀螟生物学特性及其在云南德宏玉米田的为害调查 ... 太红坤 白树雄 韩永连 刘 峙 张 峰 王振营 (251)
- 华北大黑鳃金龟聚集信息素的分离鉴定及其引诱效果 ... 李 雪 李建一 曹雅忠 尹 姣 兰建强 李克斌 (257)
- 施用蝗虫微孢子对草原地上部分天敌群落多样性的影响 星学军 邢永杰 沈 杰 李傲梅 (266)
- 银川平原不同种植模式下苜蓿田地蜘蛛群落多样性及时间动态模拟 胡文超 贺达汉 关晓庆 刘军和 赵紫华 (272)
- 不同药剂和施药方法对韭蛆的田间防治效果 史彩华 胡静荣 杨玉婷 程佳旭 李传仁 张友军 (282)
- 根肿菌侵染油菜抗感病品种早期防御酶活性及转录组分析 ... 郭 珍 葛 波 韩美丽 陶伟林 胡 燕 陈国康 (290)
- 四川省根肿菌的分布和生理小种及品种抗性评估 彭宇龙 黄 云 杨 辉 (299)
- 荸荠枯萎病发生动态及防治技术 朱志贤 胡兴明 于 翠 邓 文 黄俊斌 (307)
- 湖北省黄连叶斑病原鉴定及其生物学特性 席中刚 游景茂 郑 露 刘 浩 黄俊斌 (315)
- 基于混合蛙跳算法优化PCNN的马铃薯病害图像分割 张 明 王生荣 郭小燕 燕振刚 (322)
- 近缘毛壳菌生防菌株LB-1对几种常见植物病原真菌的拮抗作用及其生长适应性分析 刘彩云 季洪亮 王 瑞 刘春香 (332)
- 冬小麦田大穗看麦娘种群动态及对小麦产量的影响 房 锋 李 美 高兴祥 李 健 李 燕 吕素洪 (340)
- 雀麦不同防除时间对小麦产量的影响 高兴祥 李 美 白兴勇 刘士国 李 健 房 锋 (347)
- 多菌灵及其复配制剂防治小麦赤霉病的应用效果 宋益民 丛国林 陈怀谷 (352)
- 小麦纹枯病菌对三唑酮不同敏感性菌株的生物学特性及对不同杀菌剂的敏感性 徐建强 赵建江 胡雪涵 吴亚云 杨改凤 范倩倩 (359)
- 噻呋酰胺与啮菌酯混配对马铃薯黑痣病菌增效作用及其田间防效 孟润杰 王文桥 吴 杰 韩秀英 周大伟 宁昭玉 (367)
- 柑橘黑点病菌种群对代森锰锌的敏感性评价及其替代药剂的筛选 刘 欣 王明爽 梅秀凤 姜丽英 韩国兴 李红叶 (373)
- 采前喷施洋葱伯克霍尔德菌 *Burkholderia contaminans* 对草莓采后腐烂和品质的影响 ... 施俊凤 孙常青 张婧婷 (382)

研究简报

- 纳米磁珠结合实时荧光RT-PCR技术检测大丽花潜隐类病毒 赵晓丽 迟海英 邓丛良 张丽杰 吕玉峰 田 婧 (389)
- 转录环介导等温扩增技术检测藜草花叶病毒 杨珊珊 廖富荣 艾洪木 (391)
- 北京市葡萄炭疽病原菌的分子鉴定 刘 梅 Jayawardena R. S. 刘 阳 邢启凯 燕继晔 李兴红 (393)
- 基于随机森林模型的小麦白粉病遥感监测方法 李健丽 董莹莹 师 越 朱溢俊 黄文江 (395)
- 不同基因型菠萝灰粉蚧种群竞争与其分布的关系 何衍彪 詹儒林 常金梅 (397)

JOURNAL OF PLANT PROTECTION

2018 Vol. 45 No. 2

CONTENTS

Research reports

- Intraspecific host discrimination and intrinsic competition in parasitoid *Aphidius gifuensis* Ashmead (Hymenoptera: Braconidae: Aphidiinae) Liang Qifu, et al. (187)
- Behavioral selection of endoparasitoid *Peristenus spretus* to green mirid bug *Apolygus lucorum* and its damaged host plants Dai Weijian, et al. (194)
- Impact of parasitism by *Microplitis tuberculifer* on the distribution of *Mythimna separata* on corn Li Zhen, et al. (201)
- Effects of supplementary nutrition on longevity and fecundity of *Cotesia ruficrus* Li Xiaomin, et al. (208)
- Genetic differentiation among geographic populations of *Leguminivora glycinivorella* (Lepidoptera: Olethreutidae) based on mitochondrial *COI* gene sequences Shi Shusen, et al. (214)
- Feeding behaviors of apterous and alate adults of two citrus aphid species based on EPG Zhao Runa, et al. (223)
- Transmission of *Tomato chlorosis virus* (ToCV) by *Bemisia tabaci* biotype Q adults Li Jiaojiao, et al. (228)
- Effects of temperature, humidity, photoperiod and host plants on the calling and mating behavior of female moths of black cutworm *Agrotis ipsilon* (Hüfnagel) Xiang Yuyong, et al. (235)
- Effects of high- or low-temperature treatment time on energy material and flight capacity in the adults of the oriental armyworm, *Mythimna separata* (Walker) Zhang Nan, et al. (243)
- Biological characteristics of the stored nut moth *Paralipsa gularis* (Zeller) and its damage on corn in Dehong Prefecture of Yunnan Province Tai Hongkun, et al. (251)
- Identification and bioassay of aggregation pheromone components of northern China scarab beetle *Holotrichia oblita* Li Xue, et al. (257)
- Effects of microsporidia *Paranosema locustae* on the community structure and diversity of aboveground natural enemies of grasshoppers in rangelands Xing Xuejun, et al. (266)
- Community diversity and temporal dynamics of spiders in alfalfa fields under three different cropping patterns in Yinchuan Plain Hu Wenchao, et al. (272)
- Field control efficacy of various pesticides and different application methods against Chinese chive gnat *Bradysia odoriphaga* Shi Caihua, et al. (282)
- Analysis of defense enzyme activities and transcriptome of clubroot-resistant and -susceptible in canola to clubroot pathogen *Plasmiodiophora brassicae* during early infection Guo Zhen, et al. (290)
- Distribution and pathotype of *Plasmiodiophora brassicae* in Sichuan and cultivar resistance evaluation Peng Yulong, et al. (299)
- Occurrence and control of *Fusarium* wilt of Chinese water chestnut Zhu Zhixian, et al. (307)
- Identification and biological characteristics of the pathogen causing leaf spot on *Coptis chinensis* in Hubei Province Xi Zhonggang, et al. (315)
- Image segmentation method for potato diseases based on pulse coupled neural network with shuffle frog leap algorithm Zhang Ming, et al. (322)
- Antagonistic effects against several plant pathogenic fungi and the growth adaptability of a *Chaetomium subaffine* biocontrol strain LB-1 Liu Caiyun, et al. (332)
- Population dynamics of black-grass *Alopecurus myosuroides* in wheat fields and its effect on wheat yield components Fang Feng, et al. (340)
- Study on the effect of different control time of grass *Bromus japonicus* on wheat yield Gao Xingxiang, et al. (347)
- Efficacy of carbendazim and its mixtures for controlling wheat scab Song Yimin, et al. (352)
- Biological characteristics of *Rhizoctonia cerealis* isolates with different sensitivities to triadimefon and their sensitivity to different fungicides Xu Jianqiang, et al. (359)
- Synergistic interaction and field control effect of mixtures of thifluzamide with azoxystrobin against *Rhizoctonia solani* Meng Runjie, et al. (367)
- Sensitivity evaluation of *Diaporthe citri* populations to mancozeb and screening of alternative fungicides for citrus melanose control Liu Xin, et al. (373)
- Effects of preharvest spraying of *Burkholderia contaminans* on postharvest decay and quality of strawberry Shi Junfeng, et al. (382)

Notes

- Detection of *Dahlia latent viroid* by real-time RT-PCR combined with magnetic nanoparticles Zhao Xiaoli, et al. (389)
- A reverse transcription loop-mediated isothermal amplification for detection of *Sowbane mosaic virus* Yang Shanping, et al. (391)
- Molecular identification of the pathogen causing grape anthracnose in Beijing Liu Mei, et al. (393)
- Remote sensing monitoring of wheat powdery mildew based on random forest model Li Jianli, et al. (395)
- The relationship between the population competition of different genotypes of pineapple mealybug *Dysmicoccus brevipes* and their natural distribution He Yanbiao, et al. (397)