



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

(卷终)

2013

第39卷第6期

ISSN 0529-1542



9 770529 154003

万方数据

目 次

专论与综述

- 农作物病原卵菌基因组数据库资源概述
..... 高亚梅,王相晶,向文胜(1)
- 葡萄座腔菌属(*Botryosphaeria*)引起的果树病害及研究进展
..... 王 璠,黄俊斌,李国怀(7)

研究报告

- 抗水稻条纹病毒安全表达载体的构建及遗传转化
..... 雷 阳,李 羽,王 彪,等(14)
- 未来气候变暖对褐飞虱越冬界限的影响分析
..... 胡朝兴,魏国树,侯茂林(21)
- 凤仙花坏死斑病毒在中国的适生性风险评估
..... 徐 焯,王金龙,李秋芳,等(26)
- 重金属铅、镉污染下紫茎泽兰对氨基吡啶酸的耐性
..... 刘小文,齐成媚,梁 剑,等(32)
- 韭菜等几种植物根系分泌物对棉花黄萎病菌的影响
..... 姚 琴,王美人,杨家荣,等(37)
- 氨基酸补料对伊枯草菌素 A 发酵的影响
..... 肖 松,彭文璟,许 铤,等(43)
- 拟松材线虫携带的可培养微生物种群研究
..... 李姝江,张兴华,朱天辉(50)
- 旱直播稻抑草潜力的评价..... 孟翔瑞,李自超,倪汉文(56)
- 二斑叶螨抗甲氰菊酯、四螨嗪、螺虫乙酯、哒螨灵品系的
微卫星 DNA 分析 张亚男,沈慧敏(60)
- 吐伦球坚蚧在杏树上的分布及抽样方法研究
..... 范 毅,赵 莉,张鲁豫,等(64)

实验方法与技术

- 黄瓜棒孢叶斑病的 Dot-ELISA 检测技术研究
..... 高 苇,李宝聚,刘春艳,等(69)
- 逆转录环介导等温扩增技术检测草莓潜隐环斑病毒的研究
..... 张吉红,余澍琼,徐 瑛,等(74)

调查研究

- 我国 2012 年小麦重大病虫害发生特点和预测预报建议
..... 曾 娟(78)
- 2012 年玉米大斑病重发原因和控制对策
..... 刘 杰,姜玉英,曾 娟(86)
- ‘中 4’抗条锈性特点及其在抗病育种中的利用价值
..... 曹世勤,黄 瑾,贾秋珍,等(91)
- 二化螟对不同药剂的敏感度研究
..... 姚英娟,徐雪亮,曾水根,等(95)
- 瓜类细菌性果斑病菌对硫酸铜的敏感性检测与分析
..... 赵文龙,杨玉文,王铁霖,等(100)

- 2,4-滴丁酯土壤处理对大豆产量的影响
..... 李 灼,何付丽,张明波,等(106)
- 橡胶树重要品系对胶孢炭疽菌抗性评价
..... 蔡志英,林春花,翟李刚,等(110)
- 宁波地区蔬菜主要病原线虫的分离和种类鉴定
..... 姚红燕,顾建锋,王江岭,等(116)
- 黑龙江省野慈姑对吡啶磺隆的敏感性测定
..... 陈丽丽,何付丽,范丹丹,等(120)
- 陇东黄土高原苜蓿地下害虫发生规律初探 王佛生(124)
- 三叶草病毒病症状类型及发病条件研究
..... 相 栋,梁巧兰,徐秉良,等(130)
- 黄芪麻口病的成因及防治技术研究
..... 张新瑞,李继平,李建军,等(137)
- 兰花蓟马 *Dichromothrips corbettii* (Priesner) 对秋兰的危害
及防治 韩群鑫,刘嘉华,李 斌,等(143)
- 复合式膏体迷向剂对梨小、桃小食心虫的防控效果
..... 李晓龙,夏国宁,何建川,等(147)
- 我国主栽抗虫棉品种棉铃病害发生种类和抗性比较
..... 冯自力,李志芳,师勇强,等(153)

技术与应用

- 布氏白僵菌防治蔗田蚜蟥的初步研究
..... 尹 炯,罗志明,黄应昆,等(156)
- 苯醚甲环唑和吡唑醚菌酯混合物对炭疽病菌的联合毒力及
药效 张 帅,李世雄,杨太新,等(160)
- 防虫网对设施蔬菜害虫控害作用研究
..... 黄保宏,林桂坤,王学辉,等(164)
- 沿淮中稻害虫优化防治技术研究
..... 缪 勇,高希武,江俊起,等(170)
- 四种寄生性天敌昆虫对山杨楔天牛的室内寄生效果
..... 哈密提,唐 桦,杨忠岐,等(176)
- 日光温室防治棕榈蓟马药剂筛选
..... 张安盛,庄乾营,周仙红,等(180)
- 5 种杀虫剂对白眉野草螟的毒力测定和田间防效
..... 彭 赫,张云慧,李祥瑞,等(184)
- 三种防腐剂对马铃薯薯块干腐病菌的毒力及抑制作用
..... 李 梅,田世龙,程建新,等(188)

有害生物动态

- 陕西首次发现二点委夜蛾 李怡萍,李伯辽,陆俊娇,等(193)
- 封面照片 白眉野草螟(说明见 187 页) 张云慧,彭赫摄
- 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)
- 其 他 会讯(194);下期要目(195)

CONTENTS

Review of genome database resources of oomycete Gao Yamei, Wang Xiangjing, Xiang Wensheng(1)

Occurrence of and progress in fruit tree diseases caused by *Botryosphaeria* spp. Wang Fan, Huang Junbin, Li Guohuai(7)

Construction of marker gene-free RNAi vector and genetic transformation of rice mediated resistance to *Rice stripe virus*
..... Lei Yang, Li Yu, Wang Biao, et al(14)

Influences of future climate warming on overwintering boundary of the brown planthopper
..... Hu Chaoxing, Wei Guoshu, Hou Maolin(21)

Risk assessment and adaptability of *Impatiens necrotic spot virus* in China Xu Ye, Wang Jinlong, Li Qiufang, et al(26)

Picloram tolerance of *Ageratina adenophorum* under Pb/Cd stress Liu Xiaowen, Qi Chengmei, Liang Jian, et al(32)

Effects of root exudates on the pathogen of cotton *Verticillium* wilt Yao Qin, Wang Meiru, Yang Jiarong, et al(37)

Influences of amino acid addition on iturin A fermentation Xiao Song, Peng Wenjing, Xu Tan, et al(43)

Culturable epizotic microbial population carried by *Bursaphelenchus mucronatus* Li Shujiang, Zhang Xinghua, Zhu Tianhui(50)

Evaluation of the suppressive abilities of different dry-seeded rice varieties or lines on weeds
..... Meng Xiangrui, Li Zichao, Ni Hanwen(56)

Microsatellite DNA polymorphism in fenpropathrin-, clofentezine-, spirotetramat-, and pyridaben-resistant strains of
Tetranychus urticae Zhang Yanan, Shen Huimin(60)

Spatial distribution and sampling methods of *Rhodococcus turanicus* on apricot Fan Yi, Zhao Li, Zhang Luyun, et al(64)

Study on rapid detection of *Corynespora* leaf spot on cucumber plants Gao Wei, Li Baoju, Liu Chunyan, et al(69)

Detection of *Strawberry latent ringspot virus* by RT-LAMP Zhang Jihong, Yu Shuqiong, Xu Ying, et al(74)

Analysis of the wheat principal pests' occurrence traits in China in 2012 and forecasting suggestions Zeng Juan(78)

Analysis of northern corn leaf blight epidemic in 2012 and control countermeasures Liu Jie, Jiang Yuying, Zeng Juan(86)

Resistant characters of wheat germplasm 'Zhong 4' to stripe rust in all-stage and its potential application in breeding
..... Cao Shiqin, Huang Jin, Jia Qiuzhen, et al(91)

Susceptibility of *Chilo suppressalis* to insecticides Yao Yingjuan, Xu Xueliang, Zeng Shuigen, et al(95)

Sensitivity test and analysis of *Acidovorax citrulli* to copper sulfate Zhao Wenlong, Yang Yuwen, Wang Tielin, et al(100)

Effect of 2,4-D butylate soil treatment on yield of soybean Li Zhuo, He Fuli, Zhang Mingbo, et al(106)

Evaluation of the resistance of 46 rubber tree clones to *Colletotrichum gloeosporioides*
..... Cai Zhiying, Lin Chunhua, Zhai Ligang, et al(110)

Isolation and identification of main pathogenic nematodes on vegetables in Ningbo
..... Yao Hongyan, Gu Jianfeng, Wang Jiangling, et al(116)

Sensitivity tests of *Sagittaria trifolia* from Heilongjiang Province to pyrazosulfuron-ethyl ... Chen Lili, He Fuli, Fan Dandan, et al(120)

Preliminary studies on the life regularities of alfalfa underground pests in Longdong Loess Plateau Wang Fosheng(124)

Symptoms and occurrence conditions of clover virus disease Xiang Dong, Liang Qiaolan, Xu Bingliang, et al(130)

Occurrence causes of and control techniques against Makou disease of *Astragalus mongholicus*
..... Zhang Xinrui, Li Jiping, Li Jianjun, et al(137)

Damages caused by *Dichromothrips corbetti* to *Cymbidium ensifolium* 'Qiulan' and control measures
..... Han Qunxin, Liu Jiahua, Li Bin, et al(143)

Control effects of a dual sex pheromone cream on the oriental fruit moth and peach fruit moth in apple orchards
..... Li Xiaolong, Xia Guoning, He Jianchuan, et al(147)

Cotton boll rot types and comparison of the resistance of main cultivated cotton varieties in China
..... Feng Zili, Li Zhifang, Shi Yongqiang, et al(153)

Preliminary study on control efficacy of *Beauveria brongniartii* (Sacc.) Petch against white grubs in sugarcane fields
..... Yin Jiong, Luo Zhiming, Huang Yingkun, et al(156)

Co-toxicity and effect of mixtures of difenoconazole and pyraclostrobin against *Colletotrichum gloeosporioides* on yam
..... Zhang Shuai, Li Shixiong, Yang Taixin, et al(160)

Control effects of fly nets to the pests of vegetables in greenhouses Huang Baohong, Lin Guikun, Wang Xuehui, et al(164)

Optimized control techniques against insect pests in middle-season rice fields along the Huaihe River
..... Miao Yong, Gao Xiwu, Jiang Junqi, et al(170)

Parasitism rate of four parasitoid species to poplar longicorn *Saperda carcharias* (Coleoptera: Cerambycidae) in laboratory
..... Hamiti, Tang Hua, Yang Zhongqi, et al(176)

Screening of insecticides for controlling *Thrips palmi* in solar greenhouse
..... Zhang Ansheng, Zhuang Qianying, Zhou Xianhong, et al(180)

The toxicity and field efficacy of 5 insecticides to *Agriphila aeneociliella* Peng He, Zhang Yunhui, Li Xiangrui, et al(184)

Virulence and inhibition activity of three kinds of preservatives against the pathogen of the potato tuber dry rot
..... Li Mei, Tian Shilong, Cheng Jianxin, et al(188)

Aethis lepigone (Möschler) was firstly found in Shaanxi Li Yiping, Li Boliao, Lu Junjiao, et al(193)

Kwin 克胜集团

中国驰名商标

江苏克胜集团股份有限公司 江苏绿色联盟农资公司 江苏汇鸿克胜进出口公司

践行绿色防控 服务现代农业

Practice Green Pest Control Management to Serve Modern Agriculture

高效低毒农药 / 物理防控技术 / 专业植保服务

全国守合同重信用企业 / 国家重点高新技术企业 / 全国质量管理先进企业

热线：0515-86267666 网址：www.kesheng.com

万方数据发行处：北京报刊发行局 订购处：全国各地邮电局 国内代号：2-483 国外代号：BM450 国内定价：30.00元