



ISSN 0529-1542

CN 11-1982/S



QK1709685

植物保护

Plant Protection

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

CSCD来源期刊



ISSN 0529-1542



主办

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

第43卷

3

2017

万方数据

目次

特约稿件

天敌产业化是全链条的系统工程

..... 吕佳乐, 王恩东, 徐学农(1)

黏虫黑化引起的免疫致灾新机制的思考

..... 张 蕾, 刘悦秋, 程云霞, 等(8)

专论与综述

马铃薯 Y 病毒科分子进化研究进展

..... 贺 振, 陈春峰, 张志想, 等(13)

防治药用植物土传病害的芽胞杆菌制剂开发的制约因素分析

..... 高 芬, 郝 锐, 秦雪梅, 等(23)

真菌源几丁质酶在植物抗真菌病害中的应用

..... 程笑笑, 冯自力, 冯鸿杰, 等(29)

侵染甘薯的 DNA 病毒研究进展

..... 刘起丽, 张建新, 李学成, 等(36)

研究报告

基于转录组数据的印度谷螟微卫星位点分析

..... 唐培安, 陶冶心, 薛 昊, 等(43)

油茶暹罗刺盘孢菌群体遗传结构分析

..... 李 杨, 李 河, 周国英, 等(49)

WRKY 转录因子在烟草受 CMV 侵染和激素处理中的

表达模式初步分析 张 洁, 张鼎宇, 丁永强, 等(55)

不同温度条件下红颈常室茧蜂蛹和成虫过冷却点和结冰点的

测定 夏亚运, 韦 宁, 蔡笃程, 等(60)

钾肥与生物有机肥配施防治香蕉枯萎病效果初探

..... 秦艳梅, 张志红, 刘春卯(65)

菊方翅网蝽雌雄成虫图像识别技术的初步研究

..... 潘鹏亮, 张方梅, 尹 健, 等(70)

避雨栽培对葡萄霜霉病发生的影响与葡萄冠层微气象因子的

关系 邓维萍, 杨 敏, 何霞红, 等(76)

广西三种甜瓜病毒分离物的分子检测与鉴定

..... 杨世安, 李战彪, 秦碧霞, 等(83)

气候变化对新疆意大利蝗潜在分布的影响

..... 李培先, 林 峻, 麦迪·库尔曼, 等(90)

细胞壁降解酶在油茶炭疽病菌致病过程中的作用研究

..... 金 勤, 周国英, 刘君昂, 等(97)

黄葵茎腐病原菌的分离与鉴定 房云彬, 刘常宏(103)

芹菜不同种植方式对 3 种蔬菜田烟粉虱的控制作用

..... 衡 森, 周福才, 陈学好, 等(110)

温度对棉黑蚜生长发育和繁殖的影响

..... 孙 艳, 冯丽凯, 张学坤, 等(114)

巴氏新小绥螨对二斑叶螨的捕食功能及控制潜力研究

..... 尚素琴, 刘 平, 陈耀年, 等(118)

‘芽黄’红端木枝干溃疡病原菌的鉴定及药剂防治

..... 罗卿权, 路广亮, 王 凤, 等(122)

北疆沿天山北坡一带葡萄穗轴褐枯病原菌的鉴定

..... 杨 超, 张国丽, 任毓忠, 等(129)

短梳角野螟的形态描述及幼虫虫龄判断

..... 李小敏, 刘君昂, 欧阳博文, 等(136)

实验方法与技术

利用 EMA-qPCR 建立快速检测猕猴桃溃疡病菌活菌的方法

..... 周大祥, 殷幼平, 王中康, 等(143)

玉米茎腐病原菌检测方法研究

..... 马红霞, 张海剑, 孙 华, 等(149)

Chelex-100 法提取甘薯小象甲 DNA 及云南地区甘薯小象甲的

分子鉴定 徐可成, 董跃丽, 杨子祥, 等(154)

调查研究

北京地区主栽西瓜品种种子携带真菌检测及鉴定

..... 耿丽华, 宋顺华, 芦 钰, 等(160)

湖南桃江病菌稻瘟病菌对 24 个水稻抗稻瘟基因的毒性分析

..... 周 瑚, 任佐华, 虞选杰, 等(165)

81 份春小麦种质资源抗条锈病评价

..... 侯 璐, 闫佳会, 姚 强, 等(171)

中国葡萄主要品种对葡萄座腔菌的抗性评价

..... 张 玮, 姚晟伟, 张国军, 等(177)

山东主产区苹果和梨中农药残留风险因子排序

..... 兰 丰, 王志新, 鹿泽启, 等(181)

甘蔗绵蚜为害损失研究 李文凤, 张荣跃, 黄应昆, 等(187)

进境高粱种子中葡萄茎枯病菌的检疫鉴定

..... 张 宇, 许萍萍, 吴 晶, 等(192)

中国鳞翅目夜蛾科三新记录种及草螟科一新记录种记述

..... 张建华, 丁建云, 武春生, 等(199)

技术与应用

戊唑醇防治小麦赤霉病施药时期及安全性评价

..... 纪莉景, 栗秋生, 王连生, 等(203)

种子处理对西瓜苗期 3 种病害的防治效果

..... 宋顺华, 徐秀兰, 吴 萍, 等(207)

拌种防治玉米二点委夜蛾的药剂筛选及其安全性研究

..... 安静杰, 党志红, 李耀发, 等(213)

诱杀球对橘大实蝇诱捕效果的研究

..... 龚碧涯, 肖伏莲, 莫博城, 等(218)

降香黄檀炭疽病药剂筛选及林间防效

..... 董文统, 刘君昂, 周国英, 等(222)

有害生物动态

从日本进境罗汉松中截获移去剑线虫

..... 龙 海, 齐小峰, 谢泳桂, 等(228)

封面照片 小麦茎基腐病症状 周益林摄

广 告 中保科技(封 2); 上格之路(封 3); 克胜(封底)

其 他 封面说明(22); 书讯(217); 更正(227)

CONTENTS

Industrialization of natural enemies is a whole chain of system engineering	Lü Jiale, Wang Endong, Xu Xuenong(1)
Consideration of a novel mechanism of outbreak induced by immunity based on the field investigation of the larval melanization in the oriental armyworm, <i>Mythimna separata</i>	Zhang Lei, Liu Yueqiu, Cheng Yunxia, et al(8)
Advances in molecular evolution of viruses in the family <i>Potyviridae</i>	He Zhen, Chen Chunfeng, Zhang Zhixiang, et al(13)
Factors restricting the development of <i>Bacillus</i> spp. agents against soil-borne diseases in medicinal plants	Gao Fen, Hao Rui, Qin Xuemei, et al(23)
Applications of fungal chitinase in the fungal disease-resistant plants	Cheng Xiaoxiao, Feng Zili, Feng Hongjie, et al(29)
Advances in research of DNA virus infecting sweet potato	Liu Qili, Zhang Jianxin, Li Xuecheng, et al(36)
Analysis of microsatellite loci in <i>Plodia interpunctella</i> based on transcriptome dataset	Tang Peian, Tao Yexin, Xue Hao, et al(43)
Population genetic structure of <i>Colletotrichum siamense</i> on tea-oil trees	Li Yang, Li He, Zhou Guoying, et al(49)
Expression patterns of WRKY transcription factor genes in tobacco plants upon CMV infection and phytohormone treatment	Zhang Jie, Zhang Dingyu, Ding Yongqiang, et al(55)
The supercooling points and freezing points of pupae and adults of <i>Peristenus spretus</i> Chen et van Achterberg at different rearing temperatures	Xia Yayun, Wei Ning, Cai Ducheng, et al(60)
Effects of the combination of bio-fertilizer and potassium fertilizer on control of banana <i>Fusarium</i> wilt	Qin Yanmei, Zhang Zhihong, Liu Chunmao(65)
Preliminary studies on image recognition technology for female and male adults of <i>Corythucha marmorata</i> (Uhler) (Hemiptera: Tingidae)	Pan Pengliang, Zhang Fangmei, Yin Jian, et al(70)
Impacts of rain-shelter cultivation on the development of grape downy mildew and its relation with grape canopy microclimate	Deng Weiping, Yang Min, He Xiahong, et al(76)
Molecular detection and identification of three viruses isolated from melons in Guangxi	Yang Shi'an, Li Zhanbiao, Qin Bixia, et al(83)
Effects of future climate change on potential geographic distribution of <i>Calliptamus italicus</i> (L.) in Xinjiang	Li Peixian, Lin Jun, Maidi Kuerman, et al(90)
The role of cell wall-degrading enzymes in the pathogenic process of <i>Camellia oleifera</i> disease caused by <i>Colletotrichum gloeosporioides</i>	Jin Qin, Zhou Guoying, Liu Jun'ang, et al(97)
Isolation and identification of the pathogen of <i>Abelmoschus manihot</i> stem rot	Fang Yunbin, Liu Changhong(103)
Control effects of different planting ways of celery on <i>Bemisia tabaci</i> on three vegetable species	Heng Sen, Zhou Fucai, Chen Xuehao, et al(110)
Effects of temperature on development and reproduction of <i>Aphis atrata</i>	Sun Yan, Feng Likai, Zhang Xuekun, et al(114)
Functional response and control potential of <i>Neoseiulus barkeri</i> to <i>Tetranychus urticae</i>	Shang Suqin, Liu Ping, Chen Yaonian, et al(118)
Pathogen identification and fungicide control of trunk canker of <i>Cornus alba</i> 'Bud's Yellow'	Luo Qingquan, Lu Guangliang, Wang Feng, et al(122)
Identification of the pathogens of grape spike-stalk brown along the Tianshan Mountains	Yang Chao, Zhang Guoli, Ren Yuzhong, et al(129)
Morphological characteristics and determination of <i>Merocetena tullalis</i> larval instars	Li Xiaomin, Liu Jun'ang, Ouyang Bowen, et al(136)
Establishment of a method to rapidly detect only viable cells of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> by EMA-qPCR	Zhou Daxiang, Yin Youping, Wang Zhongkang, et al(143)
Comparison of pathogen detection methods for corn stalk rot	Ma Hongxia, Zhang Haijian, Sun Hua, et al(149)
DNA extraction from <i>Cylas formicarius</i> (Coleoptera: Brentidae) by Chelex-100 method and molecular identification of <i>Cylas formicarius</i> in Yunnan	Xu Kecheng, Dong Yueli, Yang Zixiang, et al(154)
Detection and identification of seed-born fungi of main watermelon varieties in Beijing area	Geng Lihua, Song Shunhua, Lu Yu, et al(160)
Virulence of <i>Magnaporthe oryzae</i> to 24 blast resistance genes in rice from the disease nursery at Taojiang, Hunan	Zhou Hu, Ren Zuohua, Yu Xuanjie, et al(165)
Identification and analysis of the resistance of 81 spring wheat germplasm resources to stripe rust	Hou Lu, Yan Jiahui, Yao Qiang, et al(171)
Resistant evaluation of main grape cultivars in China to <i>Botryosphaeria dothidea</i>	Zhang Wei, Yao Shengwei, Zhang Guojun, et al(177)
Risk ranking of pesticide residues in apples and pears in Shandong Province	Lan Feng, Wang Zhixin, Lu Zeqi, et al(181)
Sugarcane losses damaged by <i>Ceratovacuna lanigera</i> Zehntner	Li Wenfeng, Zhang Rongyue, Huang Yingkun, et al(187)
Identification of <i>Didymella glomerata</i> on imported <i>Sorghum bicolor</i>	Zhang Yu, Xu Pingping, Wu Jing, et al(192)
Three new record species of Noctuidae and one new record species of Crambidae from China (Lepidoptera)	Zhang Jianhua, Ding Jianyun, Wu Chunsheng, et al(199)
Safety evaluation and spraying time of tebuconazole to control wheat head blight	Ji Lijing, Li Qiusheng, Wang Liansheng, et al(203)
Effect of seed treatment on the control of three watermelon diseases at seedling stage	Song Shunhua, Xu Xiulan, Wu Ping, et al(207)
Screening of pesticides for seed dressing against <i>Athetis lepigone</i> and their safety to maize seed germination	An Jingjie, Dang Zhihong, Li Yaofa, et al(213)
Trapping effect with ball trap on <i>Bactrocera (Tetradacus) minax</i> (Enderlein)	Gong Biya, Xiao Fulian, Mo Bocheng, et al(218)
The screening and field efficacy of effective fungicides against anthracnose of <i>Dalbergia odorifera</i>	Dong Wentong, Liu Jun'ang, Zhou Guoying, et al(222)
<i>Xiphinema elongatum</i> intercepted in <i>Podocarpus macrophyllus</i> from Japan	Long Hai, Qi Xiaofeng, Xie Yonggui, et al(228)



找农业服务 上蜻蜓农服
www.qtnf.cc



蜻蜓农服™
DRAGONFLY AGRI

江苏克胜集团股份有限公司

地址:江苏建湖盐淮路888号 电话:0515-86263305
蜻蜓农服热线: 400-150-9966 0515-86208888