



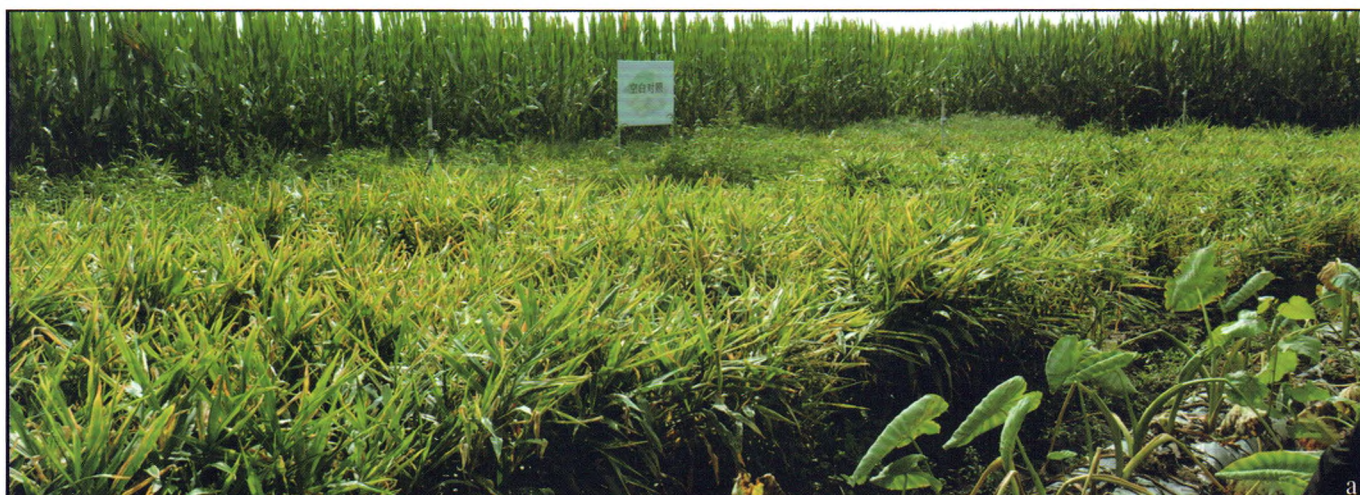
ISSN 0529-1542

CN 11-1982/S

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

2

2017

目 次

特约稿件

- 我国农药残留监管与标准体系建设
..... 朱玉龙, 陈增龙, 张 昭, 等(1)
- 作物土传病害的危害及防治技术
..... 曹堃程, 刘晓漫, 郭美霞, 等(6)

专论与综述

- 草甘膦作用机制和抗性研究进展
..... 陈世国, 强 胜, 毛婵娟(17)
- 原生质体介导真菌遗传转化的研究进展
..... 沈慧敏, 李 超, 高 利, 等(25)

研究报告

- 甘蔗线条花叶病毒 HC-Pro 基因的分子变异分析
..... 贺 振, 李文凤, 张志想, 等(29)
- 蒙氏假单胞菌 3A 菌株对烟草漂浮育苗中 TMV 的钝化效果
..... 袁莲莲, 王耀锋, 刘相甫, 等(37)
- 潜蝇亚科六种昆虫在中国的适生区预测
..... 史 丽, 申荣荣, 高雪峰, 等(43)
- 利用红外夜视技术观察桃小食心虫的产卵行为及产卵昼夜节律
..... 蒋天小, 陆振明, 王洪平(50)
- 辣椒轻斑驳病毒凤城分离物的鉴定、全基因测序及系统进化分析
..... 竹怀婷, 李晓冬, 侯慧慧, 等(55)
- 大气 CO₂ 浓度升高对转基因玉米 Bt 毒素表达量的影响
..... 刘凯强, 解海翠, 张天涛, 等(59)
- 100 个小麦品种资源抗条锈性鉴定及重要抗条锈病基因的 SSR 检测
..... 孙建鲁, 王吐虹, 冯 晶, 等(64)
- 强还原处理所使用有机物料与其杀菌效果的相互关系
..... 刘亮亮, 崔慧灵, 孔继婕, 等(73)
- 不同品种香蕉抗枯萎病效果及抗性生理研究
..... 剧虹伶, 张 曼, 阮云泽, 等(82)
- 辣椒轻斑驳病毒湖南分离物的全基因序列测定及结构分析
..... 刘湘宁, 戴良英, 李 魏, 等(88)
- 交枝顶孢霉杀柑橘全爪螨活性及其生物学特性研究
..... 王 娟, 胡军华, 龙艳玲, 等(95)
- 不同环境因素对猪殃殃种子萌发及出苗的影响
..... 张田田, 马 冲, 吴翠霞, 等(102)
- 椰子木蛾幼虫在椰子树上的空间分布型及抽样技术
..... 唐雅文, 李艺琼, 金启安, 等(107)
- 红脂大小蠹成虫触角感器的扫描电镜观察
..... 王 涛(112)
- 草坪害虫中喙丽金龟幼虫的空间分布与理论抽样数
..... 高 磊, 李 丽, 田 龚, 等(117)

实验方法与技术

- 多重 PCR 检测籽用西葫芦种子带毒及热处理脱毒效果分析
..... 任琛荣, 周登攀, 都业娟, 等(122)
- 一种防止培养基平板被污染和干燥的简易方法
..... 杨 平, 蒲相君, 时婷婷, 等(129)

研究简报

- 侵染广东番茄的番茄褪绿病毒分子鉴定
..... 汤亚飞, 何自福, 余小漫, 等(133)

- 柑橘绿霉病菌中多聚半乳糖醛酸酶基因(PdPG2)的表达分析
..... 由书妍, 于瑞君, 刘红霞, 等(138)
- 北方四省区番茄褪绿病毒的分子鉴定
..... 王翠琳, 冯 佳, 孙晓辉, 等(141)

调查研究

- 侵染肥城桃的病毒和类病毒的分子检测与鉴定
..... 冯 佳, 李 刚, 竺晓平, 等(146)
- 安徽省玉米主要害虫种类与发生为害初探
..... 徐丽娜, 周子燕, 胡 飞, 等(152)
- 河南北部稻蛀茎夜蛾的发生规律研究初报
..... 黄建荣, 黄 博, 李国平, 等(156)
- 大豆炭疽病菌 *Colletotrichum chlorophyti* 的鉴定
..... 李海云, 靳 帅, 张学勤, 等(163)
- 韭菜迟眼蕈蚊在生菜上的为害及鉴定
..... 渠 成, 穆常青, 张晓曼, 等(167)
- 荔枝密闭园和间伐园主要病害发生情况比较
..... 凌金锋, 习平根, 潘汝谦, 等(172)
- 不同葡萄品种对霜霉病的抗性
..... 刘 丽, 刘长远, 王 辉, 等(177)
- 山西晋南小地老虎越冬代成虫发生量与环境因子的关系
..... 史高川, 董晋明, 张卫民, 等(183)
- 茶树新害虫湘黄卷蛾的初步研究
..... 唐美君, 郭华伟, 殷坤山, 等(188)
- 13 种蒞类化合物对胶孢炭疽菌和链格孢的抑制活性
..... 杨 婷, 史红安, 李聪丽, 等(192)
- 我国部分地区水稻田鳢肠对吡啶磺隆的抗性测定
..... 李 丹, 李香菊, 于惠林, 等(196)

有害生物动态

- 甜菜筒喙象 *Lixus subtilis* Boheman 在藜麦上大暴发
..... 张桂芬, 张金良, 万方浩, 等(202)

技术与应用

- 番茄青枯病植物疫苗胶悬菌剂的制备及其对病害的防治效果
..... 郑雪芳, 朱育菁, 刘 波, 等(208)
- 添加表面活性剂对 2 种药剂防治小菜蛾的增效作用
..... 封云涛, 郭晓君, 李光玉, 等(212)
- 3 种种衣剂对芸豆根腐病的防治效果
..... 刘 铜, 申永强, 刘 震, 等(216)
- 8 种杀菌剂对西兰花菌核病的防治效果及对制种产量的影响
..... 何道根, 檀国印, 朱长志, 等(220)
- 不同药剂配方种子包衣对玉米出苗安全性及玉米丝黑穗病和蚜虫的防治效果
..... 刘 微, 张晓翔, 彭 辉, 等(224)
- 4 种杀菌剂及其复配剂对番茄灰霉病菌的毒力
..... 刘圣明, 海 飞, 车志平, 等(230)
- 设施黄瓜根结线虫化学防治技术研究
..... 席先梅, 白全江, 张庆萍, 等(235)
- 封面照片 药剂熏蒸防治生姜土传病害(上图:对照;下图:氯化苦+DMSO 处理)(山东安丘) 王 音摄
- 广 告 中保科技(封 2);好收成(封 3);克胜(封底)
- 其 他 致谢(72);征订启事(87)

CONTENTS

Pesticide residue supervision and standard system construction in China Zhu Yulong, Chen Zenglong, Zhang Zhao, et al(1)

Incidences of soil-borne diseases and control measures Cao Aocheng, Liu Xiaoman, Guo Meixia, et al(6)

Mechanism of action of glyphosate and research advances in glyphosate resistance Chen Shiguo, Qiang Sheng, Mao Chanjuan(17)

Research progress in transformation of fungi mediated by protoplasts Shen Huimin, Li Chao, Gao Li, et al(25)

Molecular variation of HC-Pro gene of *Sugarcane streak mosaic virus* He Zhen, Li Wenfeng, Zhang Zhixiang, et al(29)

Passivation effect of *Pseudomonas monteilii* 3A on *Tobacco mosaic virus* in tobacco float seedlings Yuan Lianlian, Wang Yaofeng, Liu Xiangfu, et al(37)

Prediction of potential geographical distribution of six agromyzids (Agromyzidae: Agromyzinae) in China Shi Li, Shen Rongrong, Gao Xuefeng, et al(43)

Oviposition behavior and rhythm of the peach fruitborer *Carposina sasakii* Matsumura observed by infrared night vision technology Jiang Tianxiao, Lu Zhenming, Wang Hongping(50)

Identification, whole-genome sequencing and phylogenetic analysis of *Pepper mild mottle virus* Fengcheng isolate Zhu Huaiting, Li Xiaodong, Hou Huihui, et al(55)

Effects of elevated atmospheric CO₂ concentration on the expression of Bt toxin in transgenic maize Liu Kaiqiang, Xie Haicui, Zhang Tiantao, et al(59)

Identification of resistance to wheat stripe rust and detection of known resistance genes in 100 wheat cultivars with SSR markers Sun Jianlu, Wang Tuhong, Feng Jing, et al(64)

Relationships between different types of organic matters and disinfection effects during reductive soil disinfection Liu Liangliang, Cui Huiling, Kong Jijie, et al(73)

The effects and mechanisms of different banana varieties to *Fusarium* wilt disease Ju Hongling, Zhang Man, Ruan Yunze, et al(82)

Whole-genome sequence and structural analysis of *Pepper mild mottle virus* isolate HN1 Liu Xiangning, Dai Liangying, Li Wei, et al(88)

Biological characteristics and acaricidal activity of *Acremonium implicatum* to *Panonychus citri* (McGregor) Wang Juan, Hu Junhua, Long Yanling, et al(95)

Effects of different environmental factors on seed germination and seedling emergence of *Galium aparine* var. *tenerum* Zhang Tiantian, Ma Chong, Wu Cuixia, et al(102)

Spatial distribution pattern and sampling technique for *Opisina arenosella* Walker larvae on *Cocos nucifera* L. Tang Yawen, Li Yiqiong, Jin Qi'an, et al(107)

Antennal sensilla of the red turpentine beetle *Dendroctonus valens* LeConte (Coleoptera: Scolytidae) Wang Tao(112)

Spatial distribution and sampling of the larvae of Chinese rose beetle, *Adoretus sinicus* on turfgrass Gao Lei, Li Li, Tian Gong, et al(117)

Detection of viruses in seeds of seed-zucchini and evaluation of heat treatment on virus elimination Ren Chenrong, Zhou Dengpan, Du Yejuan, et al(122)

A simplified method to prevent contamination and drying of the medium plate Yang Ping, Pu Xiangjun, Shi Tingting, et al(129)

Molecular identification of *Tomato chlorosis virus* infecting tomato in Guangdong Province Tang Yafei, He Zifu, She Xiaoman, et al(133)

Expression profiles of polygalacturonase (*PdPG2*) in *Penicillium digitatum* You Shuyan, Yu Ruijun, Liu Hongxia, et al(138)

Molecular identification of *Tomato chlorosis virus* from four provinces or autonomous region in northern China Wang Cuilin, Feng Jia, Sun Xiaohui, et al(141)

Molecular detection and identification of viruses and viroids infecting Feicheng peach Feng Jia, Li Gang, Zhu Xiaoping, et al(146)

Preliminary investigation on species and occurrence of the major corn insect pests in Anhui Province Xu Li'na, Zhou Ziyang, Hu Fei, et al(152)

Preliminary study on the occurrence of pink stem borer, *Sesamia inferens* (Walker) (Lepidoptera: Noctuidae) in northern Henan Province Huang Jianrong, Huang Bo, Li Guoping, et al(156)

Identification of *Colletotrichum chlorophyti* causing soybean anthracnose Li Haiyun, Jin Shuai, Zhang Xueqin, et al(163)

The damage and identification of *Bradysia odoriphaga* on lettuce Qu Cheng, Mu Changqing, Zhang Xiaoman, et al(167)

Comparison of the occurrence of the main diseases in the thinned and un-thinned litchi orchards Ling Jinfeng, Xi Pinggen, Pan Ruqian, et al(172)

Resistance of different grape cultivars to downy mildew Liu Li, Liu Changyuan, Wang Hui, et al(177)

Relationships between the occurrence quantity of the overwintering generation of *Agrotis ipsilon* moth and environmental factors in southern Shanxi Province Shi Gaochuan, Dong Jinming, Zhang Weimin, et al(183)

Preliminary study on morphological and biological characteristics of *Archips strojni* Razowski Tang Meijun, Guo Huawei, Yin Kunshan, et al(188)

Antifungal activity of 13 terpenoid compounds against *Colletotrichum gloeosporioides* and *Alternaria* sp. Yang Ting, Shi Hongan, Li Congli, et al(192)

Detection of resistance of *Eclipta prostrata* L. to pyrazosulfuron-ethyl in some provinces of China Li Dan, Li Xiangju, Yu Huilin, et al(196)

Outbreak of *Lixus subtilis* Boheman on quinoa Zhang Guifen, Zhang Jinliang, Wan Fanghao, et al(202)

Preparation of colloidal suspension agent used as plant vaccine against tomato bacterial wilt disease and its control efficacy Zheng Xuefang, Zhu Yujing, Liu Bo, et al(208)

The synergism of insecticides with surfactants for control of *Plutella xylostella* Feng Yuntao, Guo Xiaojun, Li Guangyu, et al(212)

Control effect of three kinds of seed-coating formulations on the root rot of kidney beans Liu Tong, Shen Yongqiang, Liu Zhen, et al(216)

Control effect of eight fungicides against *Sclerotinia sclerotiorum* in broccoli and their influence on hybrid seeds yield He Daogen, Tan Guoyin, Zhu Changzhi, et al(220)

Safety of different seed coating formulations to maize seeding and the control effect against maize head smut and aphids Liu Wei, Zhang Xiaoxiang, Peng Hui, et al(224)

Toxicity of four fungicides and their mixtures to *Botrytis cinerea* from tomato Liu Shengming, Hai Fei, Che Zhiping, et al(230)

Optimization of nematicide application in controlling cucumber root-knot nematode in greenhouse Xi Xianmei, Bai Quanjiang, Zhang Qingping, et al(235)



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