



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

ISSN 0529-1542

CN 11-1982/S

植物保护

Plant Protection

第40卷

2014

1



ISSN 0529-1542



9 770529 154003

万方数据

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

目次

特约稿件

- 我国马铃薯甲虫主要生物学、生态学技术研究进展及监测
与防控对策……………郭文超,吐尔逊,程登发,等(1)

专论与综述

- 松墨天牛携带松材线虫传播的化学生态学机制
……………郑雅楠,杨忠岐,王小艺(12)
- 蝗虫的聚集行为机制研究进展
……………封传红,陈淑群,郭 聪,等(16)

会议与学术交流

- “国际类病毒及卫星病毒学术研讨会”概况及主要研究进展
……………卢美光,姜冬梅,张志想,等(21)

研究报告

- 对大丽轮枝菌具有拮抗作用的萎蔫芽胞杆菌的分离和鉴定
……………孙崇思,陈晓敏,束长龙,等(30)
- 马铃薯炭疽病(*Colletotrichum coccodes*)拮抗菌株的筛选
及鉴定……………王涵琦,畅 涛,杨成德,等(38)
- 甜瓜细菌性果斑病生防菌株 BW-6 的筛选和鉴定
……………吴丽媛,刘宝玉,王钰杰,等(43)
- 甘肃省马铃薯枯萎病(*Fusarium avenaceum*)鉴定及其
病原生物学特性……………王玉琴,杨成德,陈秀蓉,等(48)
- 小麦品种抗条锈病基因 Yr10、Yr18 及 1BL/1RS 易位的
分子检测……………张玉薇,刘 博,刘太国,等(54)
- 广东不同地区柑橘黄龙病菌的遗传多样性分析
……………黄永辉,程保平,彭埃天,等(60)
- 番茄斑萎病毒 YN-1 株系 G_N/G_C 基因的克隆与分析
……………孙书娥,李 萌,朱春晖,等(65)
- 桃蛀螟成虫触角超微结构观察及对玉米花丝挥发物的
电生理反应……………李 倩,张天涛,白树雄,等(70)
- 西花蓟马对二斑叶螨为害菜豆的选择性与挥发物的关系
……………田 甜,郑军锐,牟 峰(77)
- 黑尾叶蝉精氨酸激酶和一个谷胱甘肽-S-转移酶基因的
克隆和发育表达特性研究……………侯吉祥,孟盼盼,马伟华,等(84)
- 4 种菊酯类杀虫剂对亚洲小车蝗的毒力和对 ATPase 活性的
抑制……………李海平,张海珠,庞保平,等(90)
- 异噁草松降解酶在不同条件下降解效果的比较研究
……………刘亚光,刘 冰,李晓雨,等(95)
- 白苞猩猩草种子萌发特性研究……………苏银玲,杨子祥(101)
- 鸡冠花褐斑病原菌的生物学特性研究
……………刘起丽,张建新,田雪亮,等(106)

基础知识

- 发生在葡萄上的蠹虫种类及成虫分类检索表
……………杨丽丽,刘薇薇,张辉元,等(110)
- 苹果上的瘿蚊科害虫……………焦克龙,卜文俊,王学利,等(114)
- 香梨优斑螟蛹和成虫的性别鉴定
……………张 蒙,马 涛,朱雪姣,等(119)

研究简报

- 地中海白蜗牛在中国的潜在适生区预测
……………周卫川,王 沛,李伟东(122)
- 绿盲蝽卵发育分级标准及其在测报中的应用
……………姜 烨,朱明华(125)
- 侵染甜椒的番茄褪绿病毒的分子鉴定
……………赵汝娜,王 蓉,师迎春,等(128)
- 南方水稻黑条矮缩病空间分布型及抽样技术
……………陈观浩,梁盛铭,任 惠,等(131)
- 地黄对百草枯解毒机理的研究
……………徐 凤,杨德亮,杨 杰,等(134)

调查研究

- 不同光源灯具对黄河流域棉区棉盲蝽的诱测效果
……………姜玉英,曾 娟,徐建国,等(137)
- 我国 2012 年草地螟发生特点与原因分析
……………曾 娟,姜玉英(142)
- 水稻白背飞虱主害代发生因子分析与发生量预测模型
……………陈将赞,丁灵伟,杨廉伟,等(149)
- 水稻稻曲病不同病情指标间关系研究
……………唐善军,高杜娟,陈友德,等(154)
- 江苏南部丘陵茶园外来入侵杂草发生危害研究
……………季 敏,孙国俊,储寅芳,等(157)
- 豌豆资源抗镰孢根腐病鉴定
……………向 妮,段灿星,肖炎农,等(162)
- 冀西北地区燕麦主栽品种(系)抗秆锈病鉴定
……………袁军海,曹丽霞,张立军,等(165)
- 莱芜地区桃小食心虫发生规律及药剂防治效果
……………赵 楠,于 毅,张安盛,等(169)
- 2012 年山东省二点委夜蛾发生情况调查初报
……………王 静,赵 楠,于 毅,等(173)
- 宁夏灵武天然杠柳新害虫—黄角筒天牛的为害特性及
生态习性研究……………李占文,李 攀,王冬菊(179)

技术与应用

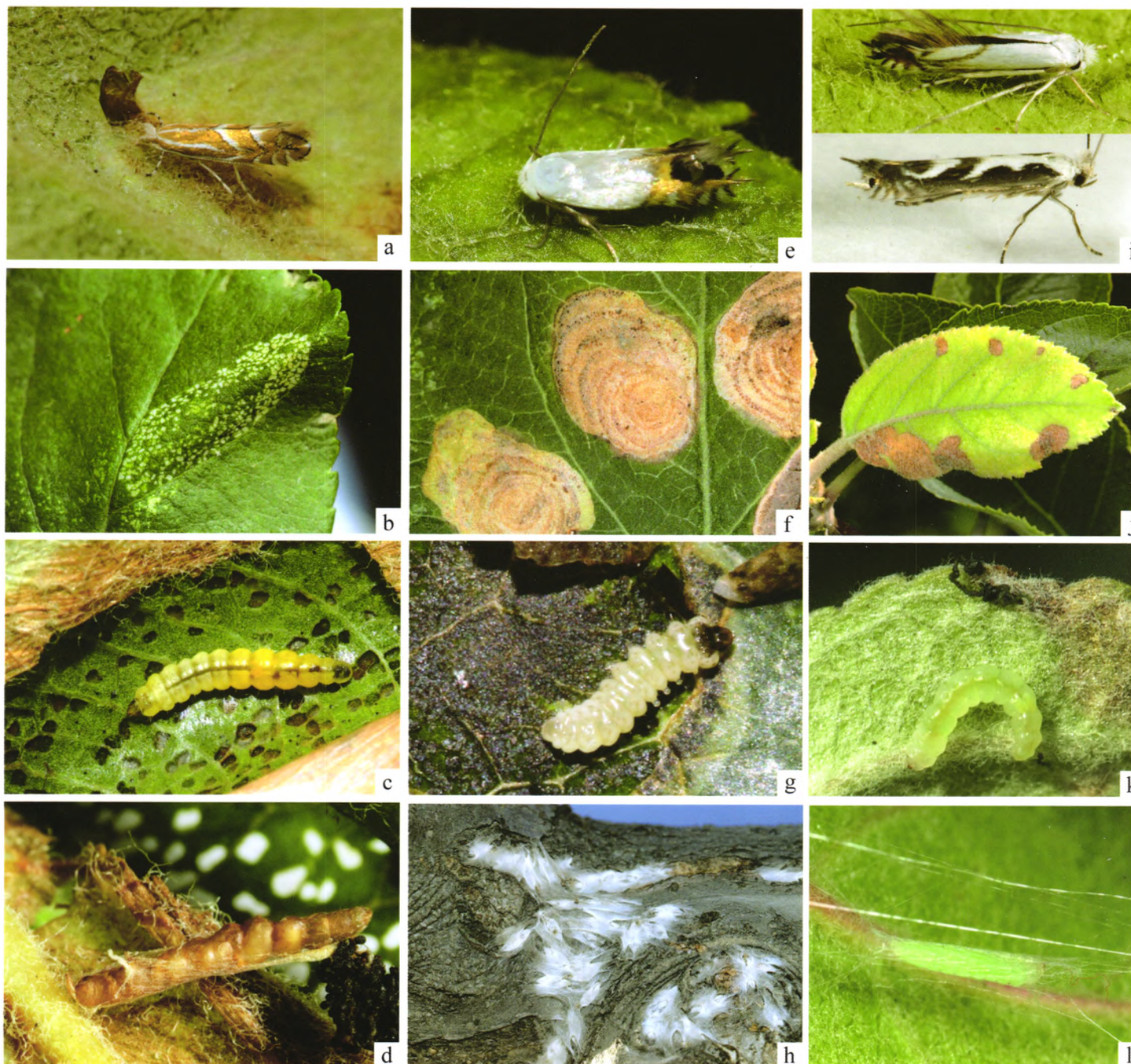
- 新型种衣剂防治小麦禾谷孢囊线虫病研究
……………郝 瑞,黄文坤,刘崇俊,等(182)
- 溴氰虫酰胺对 B 隐种和 Q 隐种烟粉虱不同虫态的毒力研究
……………王海娜,刘 峰,王少丽,等(187)
- 一品红烟粉虱防治药剂筛选及盆栽药效
……………程东美,张镇添,玉基立,等(192)
- 除草剂对胡麻田大麦、稷(糜子)的防除效果
……………李玉奇,牛树君,刘敏艳,等(196)

图说植保

- 苹果 3 种常见潜叶蛾的识别与防治
……………虞国跃,张君明,王 合(200)
- 封面照片 黄角筒天牛及为害状(说明详见 179—181 页)
……………李占文撰
- 其 他 致谢(11);科技动态(178);下期要目(202)

CONTENTS

Main progress on biology & ecology of Colorado potato beetle and countermeasures of its monitoring and controlling in China	Guo Wenchao, Tuerxun, Cheng Dengfa, et al(1)
Mechanism of chemical ecology of <i>Bursaphelenchus xylophilus</i> vectored by <i>Monochamus alternatus</i>	Zheng Yanan, Yang Zhongqi, Wang Xiaoyi(12)
Research progress on aggregation behaviors of locusts	Feng Chuanhong, Chen Shuqun, Guo Cong, et al(16)
Overview and main research progress of "International Workshop on Viroids and Satellite RNAs (IWVdS)"	Lu Meiguang, Jiang Dongmei, Zhang Zhixiang, et al(21)
Isolation and identification of <i>Bacillus atrophaeus</i> antagonistic against <i>Verticillium dahliae</i>	Sun Chongsi, Chen Xiaomin, Shu Changlong, et al(30)
Screening and identification of the antagonistic organisms against <i>Colletotrichum coccodes</i> on potato	Wang Hanqi, Chang Tao, Yang Chengde, et al(38)
Isolation and identification of bio-control bacterial strain BW-6 against bacterial fruit blotch of sweet melon	Wu Liyuan, Liu Baoyu, Wang Yujie, et al(43)
Identification of potato wilt caused by <i>Fusarium avenaceum</i> and the biological characteristics of its pathogen	Wang Yuqin, Yang Chengde, Chen Xiurong, et al(48)
Molecular detection of Yr10 and Yr18 genes and 1BL/1RS translocation in wheat cultivars	Zhang Yuwei, Liu Bo, Liu Taiguo, et al(54)
Genetic diversity of <i>Candidatus Liberibacter</i> isolates from different geographical regions of Guangdong Province	Huang Yonghui, Cheng Baoping, Peng Aitian, et al(60)
Cloning and sequence analysis of the G_N/G_C gene of <i>Tomato spotted wilt virus</i> YN-1	Sun Shue, Li Meng, Zhu Chunhui, et al(65)
Ultrastructure observation and electroantennogram response of <i>Conogethes punctiferalis</i> antennae to corn silk volatiles	Li Qian, Zhang Tiantao, Bai Shuxiong, et al(70)
The interactions between volatiles and selectivity of <i>Frankliniella occidentalis</i> to kidney bean damaged by <i>Tetranychus urticae</i>	Tian Tian, Zhi Junrui, Mou Feng(77)
Cloning and expression profiles of arginine kinase and GSTs of <i>Nephotettix cincticeps</i>	Hou Jixiang, Meng Panpan, Ma Weihua, et al(84)
Toxicities of four pyrethroids and their inhibition to ATPase in <i>Oedaleus asiaticus</i>	Li Haiping, Zhang Haizhu, Pang Baoping, et al(90)
Comparative studies on the degradation effects of the clomazone degradation enzyme under different conditions	Liu Yaguang, Liu Bing, Li Xiaoyu, et al(95)
Seed germination characters of <i>Euphorbia heterophylla</i> Linn.	Su Yinling, Yang Zixiang(101)
Biological characteristics of the pathogenic fungus of brown spot of cockscomb	Liu Qili, Zhang Jianxin, Tian Xueliang, et al(106)
Species of xylophagous on grapes and key to these species	Yang Lili, Liu Weiwei, Zhang Huiyuan, et al(110)
Gall midge pests (Diptera: Cecidomyiidae) on apple plants (<i>Malus</i> spp.)	Jiao Kelong, Bu Wenjun, Wang Xueli, et al(114)
Sex identification of pupa and adult in <i>Euzophera pyriella</i> Yang	Zhang Meng, Ma Tao, Zhu Xuejiao, et al(119)
Potential distribution areas of <i>Cernuella virgata</i> (Stylommatophora: Hygromiidae) in China	Zhou Weichuan, Wang Pei, Li Weidong(122)
The grading standard of egg development of <i>Apolygus lucorum</i> and its application in population forecast	Qiang Ye, Zhu Minghua(125)
Molecular identification of <i>Tomato chlorosis virus</i> on sweet pepper	Zhao Runa, Wang Rong, Shi Yingchun, et al(128)
Spatial distribution patterns and sampling of <i>Southern rice black-streaked dwarf virus</i>	Chen Guanhao, Liang Shengming, Ren Hui, et al(131)
Detoxication mechanism of <i>Rehmannia glutinosa</i> to paraquat	Xu Feng, Yang Deliang, Yang Jie, et al(134)
The trapping effects of different light sources on cotton mirids in the Yellow River Valley	Jiang Yuying, Zeng Juan, Xu Jianguo, et al(137)
Occurrence characteristics and causes of the meadow moth <i>Loxostege sticticalis</i> in China in 2012	Zeng Juan, Jiang Yuying(142)
Occurrence factor analysis of the main damaging generation of <i>Sogatella furcifera</i> on rice plants and prediction model of occurrence amount	Chen Jiangzan, Ding Lingwei, Yang Lianwei, et al(149)
Relationship among different disease indicators of rice false smut	Tang Shanjun, Gao Dujuan, Chen Youde, et al(154)
Occurrences of invasive weeds in tea gardens in southern hilly regions of Jiangsu Province	Ji Min, Sun Guojun, Chu Yinfang, et al(157)
Screening for resistance to <i>Fusarium</i> root rot in the pea germplasm	Xiang Ni, Duan Canxing, Xiao Yannong, et al(162)
Evaluation of resistance of main oat cultivars or lines to stem rust in northwest area of Hebei Province	Yuan Junhai, Cao Lixia, Zhang Lijun, et al(165)
Occurrence regularity and control of <i>Carposina sasakii</i> Matsumura in Laiwu City	Zhao Nan, Yu Yi, Zhang Ansheng, et al(169)
Preliminary report on the occurrence of <i>Aethis lepigone</i> in Shandong Province in 2012	Wang Jing, Zhao Nan, Yu Yi, et al(173)
Damage characteristics and ecological habits of Huangjiao barrel longicorn, a new stem borer pest discovered in <i>Periploca sepium</i> in Lingwu City, Ningxia	Li Zhanwen, Li Pan, Wang Dongju(179)
Effect of seed-coatings on controlling cereal cyst nematode(<i>Heterodera avenae</i>) of wheat	Hao Rui, Huang Wenkun, Liu Chongjun, et al(182)
Toxicity of cyantraniliprole to different stages of B and Q sibling species of <i>Bemisia tabaci</i>	Wang Haina, Liu Feng, Wang Shaoli, et al(187)
Insecticides screening and pot experiments for <i>Bemisia tabaci</i> adult control	Cheng Dongmei, Zhang Zhentian, Yu Jili, et al(192)
Control effects of herbicides on <i>Hordeum vulgare</i> and <i>Panicum miliaceum</i> in linseed field	Li Yuqi, Niu Shujun, Liu Minyan, et al(196)



a:金纹细蛾成虫及蛹壳; b:金纹细蛾潜斑; c:金纹细蛾幼虫; d:被金纹细蛾跳小蜂*Ageniaspis testaceipes* 寄生的幼虫; e:旋纹潜蛾成虫; f:旋纹潜蛾潜斑; g:旋纹潜蛾幼虫; h:树干上旋纹潜蛾越冬茧; i:银纹潜叶蛾成虫(下方为越冬型); j:银纹潜叶蛾潜斑; k:银纹潜叶蛾幼虫及排出的虫粪; l:正在做茧的银纹潜叶蛾幼虫

图版 金纹细蛾*Phyllonorycter ringoniella* (a~d)、**旋纹潜蛾***Leucoptera malifoliella* (e~h) 和**银纹潜叶蛾***Lyonetia prunifoliella* (i~l)

总发行处:北京市报刊发行局 订阅处:全国各地邮局
 国内代号:2-483 国外代号:BM450 国内定价:30.00元