

目 次

· 专论与综述 ·

- 转Bt基因棉对甜菜夜蛾的影响 苏宏华,范 娜,李 达,等(1)
 橘小实蝇分子系统发育研究进展 张 彬,刘映红,万宣武,等(6)
 植物病原菌黄单胞菌的分类研究进展 龙 海,李一农,李芳荣,等(11)
 内分泌干扰不育在兽类种群控制中的应用 黄小丽,秦 嫣,刘全生,等(16)
 杂食性盲蝽的饲养技术及应用研究 胡 月,王孟卿,张礼生,等(22)
 桃褐腐病菌抗药性分子机理研究进展 尹良芬,胡勤郡,金 鑫,等(28)

· 研究报告 ·

- 哈茨木霉突变体T-DNA插入位点侧翼序列的克隆及其插入序列分析 黄亚丽,蒋细良,田云龙,等(33)
 抗南方根结线虫PKS基因的筛选及活性评价 罗 坤,赵志祥,芦晓飞,等(38)
 桑树黄化型萎缩病植原体延伸因子基因的克隆及序列分析 卢全有(43)
 番茄芝麻斑病原菌产生的细胞壁降解酶种类及其活性变化 齐凤坤,康立功,许向阳,等(47)
 外源注射PBAN对甜菜夜蛾求偶、交配与产卵作用初步研究 江幸福,程云霞,韩 爽,等(52)
 生防菌株YB-81的鉴定及其对番茄灰霉病的防效 全 鑫,薛保国,杨丽荣,等(57)
 桃树黄化病对不同桃树品种防御相关酶活性的影响 赵艳琴,黄 云,张丽娟(61)
 番茄斑萎病毒核衣壳蛋白基因的克隆与分析 唐前君,孙书娥,刘 勇,等(65)
 枯草芽孢杆菌SNUB16的抗真菌作用研究 陶树兴,徐姗娜,徐 珊,等(70)
 枸杞木虱嗜小蜂寄生生物学研究 王俊清,刘爱萍,徐林波,等(76)
 无壳葫芦根腐病病原菌的鉴定及生物学特性初步研究 刘宝玉,王玉杰,曾 军,等(82)
 贵州烟区烟蚜发生规律及其预测模型的初步研究 商胜华,陈庆园,徐卯林,等(86)
 棉盲蝽发生动态与气象条件关系分析 商兆堂,魏建苏,蒯 军,等(92)
 嗜藻异小杆线虫沧州品系对暗黑鳃金龟幼虫的致病力 刘树森,李克斌,刘春琴,等(96)
 释放巴氏钝绥螨对温室大棚茄子上西花蓟马及东亚小花蝽数量的影响 王恩东,徐学农,吴圣勇(101)
 紫外线、He-Ne激光对葡萄白腐病菌拮抗菌PT2的复合诱变效应 巩 洁,陈 亮,陈 立,等(105)
 洋源从枝瑚杀虫活性成分研究 王大浩,高锦明,冯俊涛,等(110)

· 调查研究 ·

- 旱稻品种对条纹叶枯病的田间抗性及病害侵染梯度 檀根甲,李 森,江 彤,等(113)
 海南小菜蛾田间种群消长规律及其影响因素 周传波,林珠凤,谢圣华,等(118)
 河北省苹果主要病虫害发生现状调查 梁魁景,王树桐,胡向乐,等(123)
 湖南省蔬菜根结线虫发生及种类鉴定 成飞雪,张德咏,何明远,等(128)
 海南省胡椒主要病害现状初步调查 乘利伟,谭乐和,刘爱勤,等(133)
 河南西部小麦红吸浆虫禾本科寄主植物的记述 武予清,刘顺通,段爱菊,等(138)
 茄子叶螨种群消长动态及阿维菌素防治研究 王少丽,张友军,徐宝云,等(141)
 小麦白粉菌有性时期闭囊壳在侵染循环中作用的初步研究 曹学仁,周益林,段霞瑜,等(145)
 天麻芽腐病致病菌鉴定及发生危害调查 余昌俊,王绍柏,刘吉梅,等(149)
 杨黄褐锉叶蜂蛹发育起点温度和有效积温 范丽清,孙宗华,马铁山(152)
 中原地区梨瘿蚊的生物学特性及防治研究 侯启昌,崔改渠(154)

· 技术与应用 ·

- 暗黑鳃金龟性信息素田间应用的初步研究 罗宗秀,李克斌,曹雅忠,等(157)
 川滇无患子提取物用于农药的生物活性研究 周 露,谢文申,罗雁婕(162)
 茶毛虫核型多角体病毒和Bt混剂的配比筛选及药效评价 唐美君,殷坤山,郭华伟,等(165)
 新型植物源农药0.5%大黄素甲醚水剂对黄瓜白粉病菌的毒力测定及田间药效 龚双军,杨立军,杨小军,等(168)
 莱氏野村菌对斜纹夜蛾幼虫的致病性 袁盛勇,孔 琼,张宏瑞,等(171)

· 基础知识 ·

- 潜在的检疫性甘蔗有害生物 李文凤,王晓燕,黄应昆,等(174)
 广聚萤叶甲成虫的形态特征 郭 薇,周忠实,郭建英,等(179)

· 有害生物动态 ·

- 朗伍德王莲腐霉叶腐病及病原鉴定 窦 剑,田艳丽,陈玉林,等(183)
 樟领曼盲蝽发生情况初步调查 石慧芬(186)
 豚草及其天敌——聚萤叶甲 周忠实,郑兴汝摄(封面)

广 告 安迪(封2);中保科技(封3);江苏克胜(封底);好收成(插1);江西开昂(插2);佳多(插3~6)
 信 息 征订启事(5、37、42、56、69、91、100、178、182);新书介绍(122);本刊动态(132、144)

CONTENTS

- Effect of Bt cotton on beet armyworm *Spodoptera exigua* Su Honghua, Fan Na, Li Da, et al. (1)
Research progress in phylogeny of *Bactrocera (Bactrocera) dorsalis* Zhang Bin, Liu Yinghong, Wan Xuanwu, et al. (6)
Advances in the taxonomy of phytopathogenic *Xanthomonas* Long Hai, Li Yinong, Li Fangrong, et al. (11)
The endocrine perturbation sterilization in mammal population control Huang Xiaoli, Qin Jiao, Liu Quansheng, et al. (16)
Rearing techniques and applications of the omnivorous mirids Hu Yue, Wang Mengqing, Zhang Lisheng, et al. (22)
Progress in molecular mechanisms of fungicide resistance in peach brown rot fungi *Monilinia* spp. Yin Liangfen, Hu Mengjun, Jin Xin, et al. (28)
Cloning and analysis of the right flanking sequence of T-DNA in the genome of *Trichoderma harzium* transformants Huang Yali, Jiang Xiliang, Tian Yunlong, et al. (33)
Screening for PKS gene from soil metagenomics library and identification of the actives against root-knot nematodes Luo Kun, Zhao Zhixiang, Lu Xiaofei, et al. (38)
Cloning and sequence analysis of *tuf* gene for elongation factor Tu of phytoplasma associated with mulberry yellow dwarf disease Lu Quanyou (43)
The kinds and activity of cell wall degrading enzymes produced from tomato *Helminthosporium carposaprum* pathogens Qi Fengkun, Kang Ligong, Xu Xiangyang, et al. (47)
A preliminary study on the influence of PBAN peptide injection on female calling, mating and oviposition in the beet armyworm, *Spodoptera exigua* Jiang Xingfu, Cheng Yunxia, Han Shuang, et al. (52)
Identification of biocontrol strain YB-81 and its biocontrol efficacy against tomato gray mold Quan Xin, Xue Baoguo, Yang Lirong, et al. (57)
The influence of peach yellow disease on protective enzymes of different peach varieties Zhao Yanqin, Huang Yun, Zhang Lijuan (61)
Cloning and sequence analysis of the nucleoprotein genes of *Tomato spotted wilt virus* isolates from Yunnan Tang Qianjun, Sun Shue, Liu Yong, et al. (65)
Antifungal activity of *Bacillus subtilis* SNUB16 Tao Shuxing, Xu Shanna, Xu Shan, et al. (70)
Studies on parasitic biology of *Tamarixia lycium* Wang Junqing, Liu Aiping, Xu Linbo, et al. (76)
Identification and preliminary studies on biological characteristics of the pathogen of shell gourd root-rot Liu Baoyu, Wang Yujie, Zeng Jun, et al. (82)
Preliminary studies on occurrence and prediction model of *Myzus persicae* in Guizhou Shang Shenghua, Chen Qingyuan, Xu Maolin, et al. (86)
Analyses of the relations between cotton mirid dynamics and meteorological conditions Shang Zhaotang, Wei Jiansu, Kuai Jun, et al. (92)
Virulence of *Heterorhabdus bacteriophora* strain Cangzhou to larvae of *Holotrichia parallela* Liu Shusen, Li Kebin, Liu Chunqin, et al. (96)
Control effects of *Amblyseius barkeri* on *Frankliniella occidentalis* on the eggplants and their natural enemy *Orius sauteri* in the greenhouse Wang Endong, Xu Xuenong, Wu Shengyong (101)
Mutagenetic effects of UV and He-Ne laser on the strain PT2 with antagonistic ability against *Coniella diplodiella* Gong Jie, Chen Liang, Chen Li, et al. (105)
Insecticidal activity of chemical components from *Ramaria eryuanensis* Wang Dahao, Gao Jinming, Feng Juntao, et al. (110)
Resistance to rice stripe disease in sixteen early season rice varieties and the disease gradient Tan Genjia, Li Miao, Jiang Tong, et al. (113)
Population dynamics of *Plutella xylostella* and its influence factors in Hainan Zhou Chuanbo, Lin Zhufeng, Xie Shenghua, et al. (118)
Occurrence of main pests and diseases of apple in Hebei Province Liang Kuijing, Wang Shutong, Hu Tongle, et al. (123)
Species identification and occurrence investigation of root-knot nematodes on vegetables in Hunan Province Cheng Feixue, Zhang Deyong, He Mingyuan, et al. (128)
A survey on the status of main pepper diseases in Hainan Province Sang Liwei, Tan Lehe, Liu Aiqin, et al. (133)
A note of natural host cereals of *Sitodiplosis mosellana* (Diptera: Cecidomyiidae) in western Henan Province, China Wu Yuqing, Liu Shuntong, Duan Aiju, et al. (138)
Population dynamics of spider mite in eggplants and control effects of abamectin Wang Shaoli, Zhang Youjun, Xu Baoyun, et al. (141)
The contribution of chasmotheresis of *Blumeria graminis* f. sp. *tritici* to its infection cycle Cao Xueren, Zhou Yilin, Duan Xiayu, et al. (145)
Determination of bud rot pathogens in *Gastrodia elata* and its damage Yu Changjun, Wang Shaobai, Liu Xuemei, et al. (149)
The threshold temperature and effective accumulated temperature of pupa of *Pristiphora conjugata* Fan Liqing, Sun Zonghua, Ma Tieshan (152)
Studies on biological characteristics and control techniques of *Dasineura pyri* in the central plains region in China Hou Qichang, Cui Gaibeng (154)
A pilot study on *Holotrichia parallela* sex pheromone for field applications Luo Zongxiu, Li Kebin, Cao Yazhong, et al. (157)
Studies on the bioactivity of the extracts from *Sapindus delavayi* used as a pesticide Zhou Lu, Xie Wenshen, Luo Yanjie (162)
Screening for ratio of EpNPV mixed with Bt and evaluation of its control effect Tang Meijun, Yin Kunshan, Guo Huawei, et al. (165)
Efficacy of botanical fungicide, 0.5% physcion AS, against cucumber powdery mildew *in vitro* and field trials Gong Shuangjun, Yang Lijun, Yang Xiaoju, et al. (168)
Pathogenicity of *Nomuraea rileyi* against *Spodoptera litura* Yuan Shengyong, Kong Qiong, Zhang Hongrui, et al. (171)
The potential quarantine sugarcane pests Li Wenfeng, Wang Xiaoyan, Huang Yingkun, et al. (174)
Morphological characteristics of *Ophraella communa* adults Guo Wei, Zhou Zhongshi, Guo Jianying, et al. (179)
Pythium leaf rot of Victoria "Longwood Hybrid" and identification of the pathogen Dou Jian, Tian Yanli, Chen Yulin, et al. (183)
A preliminary investigation on *Mansoniella cinnamomi* Shi Huifen (186)