

《生物灾害科学》2012年总目次

第1期

研究综述

- 二化螟滞育生物学特性的研究进展·····肖海军,何海敏,薛芳森(1)
- 昆虫嗅觉信号神经传递途径的研究进展·····游灵,王广利,魏洪义(7)
- 桔小实蝇的寄生蜂及其应用·····李夕英,谭济才,宋东宝,游兰韶(12)
- 植物源提取物防治根结线虫的分子研究·····秦燕(18)
- 吴茱萸病虫害防治研究进展·····高丹,张寿文,吴波(23)

植保保护

- 抗稻瘟病菌活性多植物提取物组方研究·····霍光华,严伟,符金华,陈明辉,叶亚建(27)
- 江西瑞昌山药炭疽病菌的形态及分子鉴定·····蒋军喜,李诚,宋水林(37)
- 交配持续时间对茄28星瓢虫生殖适应性的影响·····周康念,张爵龙,邓礼,孙计拓,刘兴平(40)
- 一株茶树内生淡紫拟青霉的鉴定及抗真菌活性研究·····李绍锋,杨民和(45)
- 温度对葡萄十星瓢萤叶甲交配行为的影响·····孙计拓,邓礼,周康念,张爵龙,刘兴平(50)
- 48%仲丁灵乳油防除稻田杂草效果及安全性·····徐月明,李保同(55)
- 0.05%氟虫腈杀蚁饵剂对红火蚁的传毒活性测定·····钟平生,郭国汉,詹玉海(58)
- 纳米TiO₂对贮藏期南丰蜜桔抑菌性能研究·····龙小艺,刘玉英,余达欢,叶丹,文智总,吕建峰,李良翔(61)
- 不同用药方案对防治水稻主要害虫的效果评价·····徐雪亮,姚英娟,朱雪晶,舒平平,李永平(66)
- 第3代稻飞虱主要气象影响因子的通径分析及预测·····陈先文,黄闻楨,黄瑞娟,陈文壮,陈观浩(70)

森林保护

- 松材线虫对江西林业和生态环境影响的评估及风险管理·····彭龙慧,王柏林(74)
- 桑天牛对不同补充营养材料及环境条件的行为响应·····廖为财,魏洪义,王广利(78)
- 粒肩天牛为害对杨树蛋白质含量的影响·····陈德兰,张霞,江宝福,余培旺(85)

动物疫病防治

- 江西福建部分地区猪群中布病血清学调查·····郭向东,刘婉婧,陶明江,李丽,何后军,邓舜洲,王萍(90)
- 重金属对畜禽的危害及其防控·····胡国良,张彩英(93)

防控对策

- 3种李树天牛识别、为害及其综合防控技术措施·····黄鹏,余德亿,姚锦爱,王金明,方大琳(97)
- 鄱阳湖区机插二季晚稻田杂草发生特点及防控技术·····廖冬如,王修慧,黄向阳,金爱华,张尚华(102)

研究简报

- 江西乐安红豆杉林蜘蛛资源调查·····邹艳,陈连水(105)
- 水稻黑条矮缩病流行与播栽方式间关系研究·····梅爱中,钱爱林,崔劲松,邵德良,何忠富(108)
- 杉木幼林地选点设堆投放诱杀包防治白蚁试验·····曾桂清,王明方,谢琼,罗洪(109)
- 灰同缘小叶蝉若虫空间分布格局及抽样技术的研究·····陈嘉杰,王玲,陈志云,李东文,郑礼飞,李奕震(111)

科教精英

- 慧眼识昆虫 红心育桃李——记中国科学院院士、著名昆虫学家杨惟义·····柳志慎,薛荣富(113)
- 《生物灾害科学》投稿须知·····(116)

第 2 期

研究综述

- 昆虫滞育反应的种内差异·····杨慧中,肖亮,薛芳森(117)
- 嗜水气单胞菌防控技术研究进展·····周宇,周秋白(126)
- 黄单胞菌毒性因子调控的研究进展·····唐庆华,张世清,牛晓庆,朱辉,余凤玉,覃伟权(134)
- 喹唑啉酮类化合物的生物活性研究进展·····周丽霞(142)
- 腐植酸在农药中的应用及发展前景·····白志平(149)

植物保护

- 烟草青枯病菌分离株 RSXJ-1 的培养性状及其生物型鉴定·····崔朝宇,张超群,周泽科,蒋军喜(153)
- 5 种寄主上的尼氏真绥螨对柑橘红蜘蛛的捕食能力差异研究·····熊忠华,熊件妹,李海霞,王新辉(157)
- 水杨酸诱导辣椒抗疫病的作用研究·····向妙莲,陈明,宋水林,梁伟,谢永昆(161)
- 柑橘黄龙病 PCR 检测技术研究·····张伟(164)
- 南昌地区蔬菜冰核活性细菌分离鉴定·····宋水林,郑春,颜秋梅,桂良杰,崔汝强(169)
- 白蚁肠道可培养菌群及其功能初探·····刘冰,林景栋,宋水林,吴德龙(172)
- 8% 辛硫磷微乳剂对蚜虫和斜纹夜蛾的防治效果·····郭明程,周清,李保同(177)

森林保护

- 宜春市集体林权制度改革后森林资源及其消长分析·····费友发,何小龙,张平(179)
- 萧氏松茎象发生林区地表温度的变化规律·····黄爱松,黎桌林,王辉,熊建宏,温小遂(182)
- 永康市生态公益林可持续发展对策探讨·····金攀,应尚蛟,应光明,严玲玲,成志良(185)

动物疫病防治

- 富平关中奶山羊临床型乳房炎病原菌的分离鉴定·····李守杰,王桂英(188)

动植物检疫

- 钦州口岸进口木薯干检验检疫情况分析·····张艳丽,张艳玲(191)

生物防控技术与对策

- 水稻黑条矮缩病空间分布格局及抽样技术研究·····赵敏,张国忠,李荣,吴传伟,何丽娟,王华弟,杨廉伟(194)
- 东江惠州段江北大堤白蚁治理效果初报·····张颂声,詹玉海,钟平生,郭国汉,宋新像(198)
- 赣南柑橘新害虫——桔实雷癭蚊发生为害初报·····谢金招,陈慈相,钟八莲,姚锋先(205)
- 房屋建筑白蚁防治工程新技术展望·····刘吉敏,黄其椿,韦戈,杨峰,陈正麟,黄莹磐(206)
- 水稻病虫害绿色防控技术试验示范·····施伟韬,刘初生,姚易根(211)
- 蝴蝶兰软腐病发生规律及其防治技术·····肖爱萍,游春平,孙辉,向梅梅(215)
- 沿海稻区直播稻生产中存在问题与对策·····梅爱中,仲凤翔,姜如群,吴泽扬(217)

生物灾害预测

- 一种基于模糊数学的生物灾害预测模型·····胡建根(219)

环境保护

- 德兴市农村饮用水水源地污染源的成因分析及对策·····王静岚,闫喜凤,刘道南(222)
- 浅析环境污染对生物的影响及其保护对策·····陈若愚,赖发英,周越(226)

科教精英

- 原国立中正大学首任校长胡先骕博士的风范——缅怀永远的老师·····柳志慎,胡启鹏,李红(230)

欢迎投稿 欢迎订阅《生物灾害科学》.....(214)

第3期

研究综述

- 赣南脐橙溃疡病及其研究现状.....刘冰(235)
 步甲研究进展.....李卫东, 胡雅辉, 彭兆普(239)
 使用堆肥防治线虫的现状.....董飒(245)
 GIS技术在渔业领域的应用研究.....周琼, 周劫, 段金荣, 施炜纲(249)
 现代农业应广泛使用生物农药.....芦金宏(254)

植物保护

- 车前草穗枯病菌分子鉴定.....梁艳, 涂怀妹, 崔朝宇, 蒋军喜(258)
 江西省大余县柑橘黄龙病菌PCR检测.....刘登全, 涂怀妹, 李霖, 蒋军喜(261)
 甲维盐对几种不同作物叶片叶绿素含量的影响.....莫飘, 陈俊雄, 杜宝贞, 张悦, 曲爱军(264)
 储存对小麦中DON毒素含量的变化规律研究.....樊平声, 冯伟民, 卢昱宇(268)
 四聚乙醛中烟酰胺的含量测定.....周小琴, 禹晓梅, 刘晓娟(271)
 茚菌酯·戊唑醇75%水分散粒剂防治稻瘟病试验初报.....余山红, 王会福, 朱贤正(276)
 五种杀虫剂对异色瓢虫和龟纹瓢虫搜索烟粉虱行为的影响.....张悦, 井维霞, 刘英杰, 曲爱军(279)
 鲁西南地区二点委夜蛾发生代数研究初报.....王鹏, 刘书义, 白雪峰, 王延玲, 李国强(283)

森林保护

- 毛竹黑叶蜂的发生与环境因子关系的研究.....郑宏(286)
 吉安市湿地松纯林病虫害自然防治概述.....严华明, 吴小龙, 罗洪, 吴伯曦(290)

动物疫病防治

- 二甲苯对锦鲤鱼肝脏抗氧化酶的影响.....吴志刚, 沈洪艳, 武晨虹, 王丽新, 张国霞(295)
 中药复方对奶山羊临床型乳房炎体内治疗的评价.....李守杰, 成梦玲(300)

生物防控技术与对策

- 富宁县扶桑绵粉蚧发生现状及防控对策.....黄奎, 胡文兰(303)
 25%毒死蜱微乳剂防治稻纵卷叶螟田间药效试验.....袁敬峰, 赖照明, 罗海兰, 肖群, 刘祚法(308)
 0.4%氯虫甲酰胺颗粒剂防治水稻二化螟田间药效试验.....陈琳, 王芳, 梁建平, 张敬军, 刘大禧(311)
 短稳杆菌对茶尺蠖药效试验.....吴铭忻, 付玉香, 周晶, 严双妹(314)
 滕王阁白蚁的综合治理.....曾吉华, 胡莹, 胡富华(317)
 诱导水稻抗稻瘟病的前胡诱抗剂应用技术研究初探.....邬腊梅, 柏连阳, 金晨钟, 蔡海林, 罗坤(320)
 48%丁草胺·异恶草松可湿性粉剂防治冬油菜田一年生杂草田间药效试验.....朱智亮, 曾小林, 伍琦(323)
 30%氟菌唑可湿性粉剂防治黄瓜白粉病田间药效试验.....姬小雪, 乔康, 刘麦丰, 赵芹, 邱士芬(326)
 农药田间药效试验工作的经验及做法.....宋烨华(329)

环保与生态安全

- 基于叶绿素评价氟啶胺对几种农作物的生态安全性.....徐笑, 周科, 刘峰, 闫克岚, 张悦, 李新扬, 曲爱军(333)
 甘肃临夏高寒地区春玉米螟动态气候预测模型.....孙玉莲(337)
 抚顺地区主要气象灾害对农业生产的影响.....王阳, 李国春(342)
 欢迎投稿 欢迎订阅《生物灾害科学》.....(336)

第 4 期

植物保护

- PTD-cry3Aa 原核融合表达产物对甘薯小象甲的活性研究.....邱道寿, 刘晓津 (347)
- 几种不同杀虫剂对稻纵卷叶螟防治效果评价.....程玲娟, 祝树德, 陶玉连, 严勇, 吴长远 (352)
- 5 种植物源杀虫剂防治烟蚜效果研究.....罗会斌, 李忠俊, 杨洪 (356)
- 烯啶虫胺对烟粉虱的使用技术及抗性风险评估研究.....胡荣利, 朱伟, 祝树德 (359)
- 异色瓢虫显明变种对菸草谷网蚜和禾谷缢管蚜捕食选择性研究.....张悦, 井维霞, 王涛, 刘修堂, 曲爱军 (366)
- 硫酸铜对柑橘和山麦冬炭疽病菌的影响.....罗有强, 张超, 刘冰, 宋水林 (370)
- 两种中草药水浸液对小麦条锈病菌的抑制作用研究.....叶文斌, 樊亮 (373)

森林保护

- 申家店林区捕食性天敌昆虫资源调查.....李佳琳, 周雪婷, 崔佳凤, 张丽丽, 王海涛, 罗志文 (378)
- 松墨天牛诱捕监测试验初报.....黄练胜, 肖琴琳, 陈刚, 罗洪 (382)

动物生物防治

- 虎尾轮根黄酮类化合物对小鼠肝脏功能影响.....陈秋勇, 陈炳华, 黄志坚 (385)
- 6 种特异性杀虫剂对家蚕的毒性评价及中毒症状观察.....吕铭潇, 张骞 (392)
- 牛初乳成为婴儿食物安全性问题思考.....吉祥麟 (395)

生物防控技术与对策

- 220 g/L 氯氰·毒死蜱 EC 对小麦蚜虫的防效及应用技术初探.....王永才, 王会福, 余山红 (401)
- 40% 氯虫苯甲酰胺·噻虫嗪水分散粒剂防治二化螟田间药效试验.....衷敬峰, 梁文生, 肖相山, 邱达椿, 肖群, 刘祚法 (404)
- 2.5% 鱼藤酮乳油防治甘蓝蚜虫田间药效试验.....姬小雪, 乔康, 刘麦丰 (407)
- 芸苔素内酯 0.01% 水剂调节黄瓜生长田间药效试验.....乔康, 姬小雪, 邱士芬, 刘麦丰, 赵芹 (410)
- 2 甲 4 氯钠 13% 水剂防除麦田阔叶杂草的效果.....李敏 (413)
- 靓果安防治脐橙溃疡病田间药效试验.....王承香 (416)
- 鲁西南丘陵生态区菜田蜗牛发生规律与防治技术.....孔令刚 (420)
- 金溪县葡萄生长气象条件分析及高产优质对策.....周东南, 蒋鑫生, 王策文, 吴海明 (424)
- 赣南柑橘粉虱上升为主要害虫的原因及综合防控技术.....谢金招, 钟八莲, 姚锋先, 陈慈相 (428)

研究综述

- 微生物农药研究进展.....朱玉坤, 尹衍才 (431)
- 油茶病害及其防治研究进展.....匡蓉琳, 孙思, 王军, 黄永芳 (435)
- 水稻盐胁迫的研究进展.....董海凤, 王义霞, 孙运杰 (439)
- 胡椒施肥技术研究进展及我国胡椒施肥现状与对策.....王义霞, 董海凤 (443)
- 土壤与植物中钙营养研究进展.....井大炜, 邢尚军, 马丙尧, 马海林, 杜振宇, 刘方春, 陈波 (447)

生物科教

- 高中生物概念教学有效性的探讨.....彭海宝 (452)
- 《生物灾害科学》投稿须知..... (456)
- 《生物灾害科学》2012 年总目次..... (457)

CONTENTS

No 1

- Research progress in characteristics of diapause biology in *Chilo suppressalis*.....XIAO Hai-Jun, HE Hai-min, XUE Fang-Sen (1)
- Advances in neuron transferring pathways in insects' olfactory signals.....YOU Ling, WANG Guang-li, WEI Hong-yi (7)
- Parasitoids of *Bactrocera dorsalis* and their application to bio-control.....
.....LI Xi-ying, TAN Ji-cai, SONG Dong-bao, YOU Lan-shao (12)
- Progress in the Biological control of root-knot nematodes, *Meloidogyne incognita*.....QIN Yan (18)
- Recent advances in integrated control of *Evodia rutaecarpa* diseases and insect pests...GAO Dan, ZHANG Shou-wen, WU Bo (23)
- A Study on combination of multi-plant-extract with activity resisting *Magnaporthe oryzae*.....
.....HUO Guang-hua, YAN Wei, FU Jin-hua, CHEN Ming-hui, YE Ya-jian (27)
- Morphological and molecular identification of pathogen of yam anthracnose in Ruichang city, Jiangxi province.....
.....JIANG Jun-xi, LI Cheng, SONG Shui-lin(37)
- Effects of copulation duration on fitness consequences of Lady beetles, *Henosepilachna vigintioctopunctata* Fabricius.....
.....ZHOU Kang-nian, ZHANG Jue-long, DENG Li, SUN Ji-tuo, LIU Xing-ping (40)
- Identification of an endophytic *Paecilomyces lilaeimls* from A leaf of *Camellia sinensis* as well as determination of its anti-fungal activity.....LI Shao-feng, YANG Min-he (45)
- Effects of temperatures on mating behaviors of grape leaf beetles, *Oides decempunctata* Billberg (Coleoptera: Chrysomelidae).....
.....SUN Ji-tuo, DENG Li, ZHOU Kang-nian, ZHANG Jue-long, LIU Xing-ping (50)
- Efficacy of butralin 48% EC on weeds in Rice fields and its safety.....XU Yue-ming, LI Bao-tong (55)
- An indoor test of transferring insecticidal activity of pesticide fipronil to red fire ants.....
.....ZHONG Ping-sheng, GUO Guo-han, ZHAN Yu-hai (58)
- Antibacterial effects of nano-scale TiO₂ on parasitic bacteria of nanfeng citrus in storage periods.....
.....LONG Xiao-yi, LIU Yu-ying, YU Da-huan, YE Dan, WEN Zhi-zhong, LU Jian-feng, LI Liang-xiang (61)
- Assessment on efficacies of different regimen against main pests in rice fields.....
.....XU Xue-liang, YAO Ying-juan, ZHU Xue-jing, SHU Ping-ping, LI Yong-ping (66)
- A path analysis of main meteorological factors affecting occurrence of the third generation of rice planthoppers as well as their forecast.....CHEN Xian-wen, HUANG Wen-zhen, HUANG Rui-juan, CHEN Wen-zhuang, CHEN Guan-Hao (70)
- Risk assessment and management of pine wood nematodes (*Bursaphelenchus xylophilus*) on forestry and ecological environment in Jiangxi province.....PENG Long-hui, WANG Bai-lin (74)
- Behavioral responses of *Apriona germari* to different supplementary nutrition materials and environmental conditions.....
.....LIAO Wei-cai, WEI Hong-yi, WANG Guang-li (78)
- Effects on the content of proteins of poplars damaged by *Apriona germari* (Hope).....
.....CHEN De-lan, ZHANG Xia, JIANG Bao-fu, YU Pei-wang (85)
- Survey on serology of porcine brucellosis in parts of Jiangxi and Fujian province.....
.....WU Xiang-dong, LIU Wan-jing, TAO Ming-jiang, LI Li, HE Hou-jun, DENG Shun-zhou, WANG Ping (90)
- Heavy metal toxicity and their prevention and control of livestock and poultry.....Hu Guo-liang, Zhang Cai-ying (93)
- Identification and Damages of Three Kinds of Longicorn as well as Their Synthetical Prevention on Plum Trees.....
.....HUANG Peng, YU De-yi, YAO Jin-ai, WANG Jin-ming, FANG Da-lin (97)
- The investigative report on the spider resources in the *Taxus chinensis* forest of Lean county in Jiangxi.....
.....ZOU Yan, CHEN Lian-Shui (105)

No 2

- Intraspecific differences of diapause in insects..... YANG Hui-zhong, XIAO Liang, XUE Fang-sen (117)
- A review of the method in prevent and control the harm of *Aeromonas hydrophila*..... ZHOU Yu, ZHOU Qiu-bai (126)
- Advantages in regulation of *Xanthomonas* virulence factors.....
..... TANG Qing-hua, ZHANG Shi-qing, NIU Xiao-qing, ZHU Hui, YU Feng-yu, QIN Wei-quan (134)
- Research advances in biological activity of quinazolinone derivatives..... ZHOU Li-xia (142)
- The application and development prospect of humic acid in pesticides..... BAI Zhi-ping (149)
- Cultural characteristics and biotype identification of isolate rsxj-1 of *Ralstonia solanacearum*.....
..... CUI Chao-yu, ZHANG Chao-qun, ZHOU Ze-ke, JIANG Jun-xi (153)
- Difference of predatory capacity for *Euseius nicholsi* from five different host plants preying on *Panonychus citri*.....
..... XIONG Zhong-hua, XIONG Jian-mei, LI Hai-xia, WANG Xin-hui (157)
- Studies on the effect of salicylic acid treatment on resistance of pepper against phytophthora blight.....
..... XIANG Miao-lian, CHEN Ming, SONG Shui-lin, LIANG Wei, XIE Yong-kun (161)
- Study on PCR detection of citrus huanglongbing bacterium..... ZHANG Wei (164)
- Isolation and identification of ice nucleating active bacteria on plants in Nanchang area.....
..... SONG Shui-lin, ZHENG Chun, YAN Qiu-mei, GUI Liang-jie, CUI Ru-qiang (169)
- The microbes cultured and their function in the gut of termites..... LIU Bing, LIN Jing-dong, SONG SHUI-lin, WU De-long (172)
- Efficacy of Phoxim 8%ME on Aphid and *Prodenia litura*..... GUO Ming-cheng, ZHOU Qing, LI Bao-tong (177)
- Investigation on increase and decrease of forest resources after the collective forestry property right reform in Yichun.....
..... FEI You-Fa, HE Xiao-long, ZHANG Ping (179)
- Variety pattern of surface temperature in forest infected with *Hylobitelus xiaoi* Zhang.....
..... HUANG Ai-song, LI Zuo-lin, WANG Hui, XIONG Jian-hong, WEN Xiao-sui (182)
- Countermeasure of ecological public welfare forest sustainable development strategies in Yongkang.....
..... JIN Pan, YING Shang-jiao, YING Guang-ming, YAN Ling-ling, CHENG Zhi-liang (185)
- Isolation and identification of mastitis pathogen from guan zhong dairy goats in Fuping City..... LI Shou-jie, WANG Gui-ying (188)
- Analysis of inspection and quarantine from imported cassava slice in Qinzhou port..... ZHANG Yan-li, ZHANG Yan-ling (191)
- Outlook for new technology of termite control project on housing construction.....
..... LIU Ji-Min, HUANG Qi-Chun, WEI Ge, YANG Feng, CHEN Zheng-Lin, HUANG Ying-Pan (206)
- A based on fuzzy mathematics biological disaster prediction model..... HU JIAN-GEN (219)
- Analysis and countermeasures of the causes the rural drinking water pollution in Dexing City.....
..... WANG Jing-lan, YAN Xi-feng, LIU Dao-nan (222)
- Analysis on the effect of environmental pollution on the biology and protection countermeasures.....
..... CHEN Ruo-yu, LAI Fa-ying, ZHOU Yue (226)

No 3

- Progress in the citrus canker of navel orange in Gannan and its control..... LIU Bing (235)
- The review of carabids research..... LI Wei-dong, HU Ya-hui, PENG Zhao-pu (239)
- A review on root-knot nematode control with compost..... DONG Sa (245)
- The research and application of GIS technology in fishery fields..... ZHOU Qiong, ZHOU Jie, DUAN Jin-rong, SHI Wei-gang (249)
- Biological pesticide should be widely used in modern agriculture..... LU Jin-hong (254)
- Molecular Identification of Pathogen of Plantain Head Blight..... LIANG Yan, TU Huai-mei, CUI Chao-yu, JIANG Jun-xi (258)

- PCR detection of citrus huanglongbing pathogen in dayu county of Jiangxi Province.....
.....LIU Deng-quan, TU Huai-mei, LI Lin, JIANG Jun-xi (261)
- Effects of emamectin benzoate on the contents of chlorophyll and carotenoid in several plant leaves.....
.....MO Piao, CHEN Jun-Xiong, DU Bao-zhen, ZHANG Yue, QU Ai-jun (264)
- Studies on the changes of deoxynivalenol contamination in wheat during storage.....
.....FAN Ping-sheng, FENG Wei-ming, LU Yu-yu (268)
- The Determination of Amide Content in Metaldehyde Stability.....ZHOu Xiao-qin, YU Xiao-mei, LIU Xiao-juan (271)
- A preliminary report of trifloxystrobin-tebuconazole on controlling rice blast.....
.....YU Shan-hong, WANG Hui-fu, ZHU Xian-zheng (276)
- Five insecticides affected the orientation of *Harmonia Axyridis* (Pallas) and *Propylaea Japonica* (Thunbery) to tobacco and whitefly combinations.....
.....ZHANG Yue, JING Wei-xia, LIU Ying-jie, QU Ai-jun (279)
- Preliminary studies on the generations of *Athetis lepigone* in the southwest region of shangdong.....
.....WANG Peng, LIU Shu-yi, BAI Xue-feng, WANG Yan-ling, LI Guo-qiang (283)
- Studies on the relationship between the occurrence of *Eutomostethus nigratus* Xiao and the environmental factors.....
.....ZHENG Hong (286)
- The overview on nature control of diseases and insect pests in pure forest of pinus elliottii in Ji'an City.....
.....YAN Hua-ming, WU Xiao-long, LUO Hong, WU Bo-xi (290)
- Effects of xylene on antioxidant enzymes in the liver of *Cyprinus carpio*.....
.....WU Zhi-gang, SHEN Hong-yan, WU Chen-hong, WANG Li-xin, ZHANG Guo-xia (295)
- Evaluation of chinese medicine compound training on clinical mastitis of dairy goat.....LI Shou-jie, CHENG Meng-ling (300)
- The occurrence situation and control countermeasure of *Phenacoccus solenopsis* Tinsley in Funing County.....
.....HUANG Kui, HU Wen-lan (303)
- Field trials of 25% chlorpyrifos microemulsion against *Cnaphalocrocis medinalis*.....
.....ZHONG Jing-feng, LAI Zhao-ming, LUO hai-lan, XIAO Qun1, LIU Zuo-fa (308)
- Field trials of 0.4% chlorantraniliprole granules against rice striped stem borer.....
.....CHEN Lin, WANG Fang, LIANG Jian-ping, ZHANG Jing-jun, LIU Da-xi (311)
- Efficacy of *Empedobacter brevis* against tea geometrid.....WU Ming-xin, FU Yu-xiang, ZHOU Jing, YAN Shuang-mei (314)
- Integrated pest management for termites in Tengwangge pavilion.....ZENG Ji-hua, HU Ying, HU Fu-hua (317)
- The application technology of botanical elicitor from common hogfennei root against rice blast.....
.....WU La-mei, BAI Lian-yang, JIN Chen-zhong, CAI Hai-lin, LUO Kun (320)
- Efficacy trials of 48% butachlor · clomazone WP against annual weeds in winter rape fields.....
.....ZHU Zhi-liang, ZENG Xiao-lin, WU Qi (323)
- Field trials of 30% triflumizole wp against cucumber powdery mildew.....
.....JI Xiao-xue, QIAO Kang, LIU Mai-feng, ZHAO Qin, QIU Shi-fen (326)
- Working experience and practice in field trials of pesticides.....SONG Ye-hua (329)
- The safety assessment to fluazinam for the four crops based on chlorophyll contents.....
.....XU Xiao, ZHOU Ke, LIU Feng, YAN Ke-lan, ZHANG Yue, LI Xin-yang, QU Ai-jun (333)
- The model of climate prediction dynamic of corn borer in high cold regions in Linxia of Gansu province.....SUN Yu-lian (337)
- The influence of meteorological disasters on agricultural production in Fushun prefecture.....WANG Yang, Li Guo-chun (342)

No 4

A study on the activity of the prokaryotic expression products of *PTD-cry3Aa* fusion gene to sweet potato weevil, *Cylas*

- formicarius*..... QIU Dao-shou, LIU Xiao-jin (347)
- The evaluation of efficacies of several different insecticides against *Cnaphalocrocis medinalis*.....
..... CHENG Ling-juan, ZHU Shu-de, TAO Yu-lian, YAN Yong, WU Chang-yuan (352)
- Field trials of 5 kinds of botanical insecticides against *Myzus persicae* (sulzer)..... LUO Hui-bin, LI Zhong-jun, YANG Hong (356)
- Studies of application techniques and risk assessment of *Bemisia Tabaci* (gennadius) resistance to nitenpyram.....
..... HU Rong-li, ZHU Wei, ZHU Shu-de (359)
- Selectivity of *Harmonia axyridis* (pallas) var. *spectabilis* to *Macrosiphum Avenae* and *Rhopalosiphum Padi*.....
..... ZHANG Yue, JING Wei-xia, WANG Tao, LIU Xiu-tang, QU Ai-jun (366)
- Influences of copper sulfate on *Colletotrichum* sp. from citrus and liriopes *Radix Liriope*
..... LUO You-qiang, ZHANG Chao, LIU Bing, SONG Shui-lin (370)
- Inhibition effect on wheat stripe rust with extract of *Daphne Giraldii* Nitsche and *Xanthium sibiricum* patrin.....
..... YE Wen-bin, FAN Liang (373)
- The investigation of resources of predatory natural enemy insect in shenjiadian forest.....
..... LI Jia-lin, ZHOU Xue-ting, CUI Jia-feng, ZHANG Li-li, WANG Hai-tao, LUO Zhi-wen (378)
- Preliminary reports on trapping monitoring of *Monochamus alternatus*.....
..... HUANG Lian-sheng, XIAO Qin-Lin, CHEN Gang, LUO Hong (382)
- Effects of flavonoids from *Uraria crinita* on liver function in mouse..... CHEN Qiu-yong, CHEN Bing-hua, HUANG Zhi-jian (385)
- Toxicity evaluation of six pesticides to *Bombyx mori* and observation of toxic symptoms..... LÜ Ming-xiao, ZHANG Qian (392)
- The security problem of bovine colostrums serving as food for infants..... JI Xiang-lin (395)
- A report of 220 g/L cypermethrin-chlorpyrifos EC against wheat aphid..... WANG Yong-cai, WANG Hui-fu, YU Shan-hong (401)
- The field trial of 40% of chlorantraniliprole and thiamethoxam against *Chilo suppressalis* (walker).....
..... ZHONG Jing-feng, LIANG Wen-sheng, XIAO Xiang-shan, QIU Dachun, XIAO Qun, LIU Zuo-fa (404)
- Field trial of 2.5% rotenone EC for controlling cabbage aphid (*Brevicoryne Brassicae*).....
..... JI Xiao-xue, QIAO Kang, LIU Mai-feng (407)
- Field trial of 0.01% brassinolide AS on cucumber growth.... QIAO Kang, JI Xiao-xue, QIU Shi-fen, LIU Mai-feng, ZHAO Qin (410)
- The effect of 13% control MCPA-NA broad-leaves weeds in wheat fields..... LI Min (413)
- Field efficacy of Lianguoan on citrus canker in gannan navel orange..... WANG Cheng-xiang (416)
- The occurrence and control technology of snail in vegetable fields in hilly region of southwesten shandong.....
..... KONG Ling-gang (420)
- Analysis of meteorological conditions for grape growth and countermeasure for high yield and good quality in jinxi county.....
..... ZHOU Dong-nan, JIANG Xin-sheng, WANG Ce-wen, WU Hai-ming (424)
- The cause of *Dialeurodes citri* became major insects pests and integrated pest management in gannan.....
..... XIE Jin-zhao, ZHONG Ba-lian, YAO Feng-xian, CHEN Ci-xiang (428)
- Research advances on microbial pesticides..... ZHU Yu-kun, YIN Yan-cai (431)
- Research progress on camellia oleifera diseases and control..... KUANG Rong-lin, SUN Si, WANG Jun, HUANG Yong-fang (435)
- Research progress on salt-stress in rice..... DONG Hai-feng, WANG Yi-xia, SUN Yun-jie (439)
- The progress of fertilization techniques and the present situation of pepper in China..... WANG Yi-xia, DONG Hai-feng (443)
- Research advances on calcium nutrition in soil and plant.....
..... JING Da-wei, XING Shang-jun, MA Bing-yao, MA Hai-lin, DU Zhen-yu, LIU Fang-chun, CHEN Bo (447)
- Inquire into the validity of biological concept teaching in high schools..... PENG Hai-bao (452)