

目次

宏观农业

山西省水土流失治理的战略抉择 田良才,牛天堂,李晋川,王宇宏,任 冻(1)

我国与山西省转基因棉花发展状况与趋势 李燕娥,吴 霞,张林水,上官小霞(6)

遗传育种

广适稳产型玉米种质改良与杂交种选育 刘守渠,段运平,王贵彩,郭 锋(9)

大白菜种质资源遗传多样性分析 赵美华,逯保德,兰创业,赵军良(12)

生物技术

串叶松香草组培快繁技术研究 史向远,王秀红,田良才,张乃生(17)

生理生化

培养料对姬松茸子实体多糖含量及抗氧化性的影响 李斌斌,李 慧,郭 珺,王 琪,韩建荣(21)

耕作与栽培

棉花清洁生产体系探讨 邵新胜,陈 宾,梁哲军,王玉香,赵海祯,王慧杰,齐宏立(24)

柠条和甘草生理特性及复合种植研究 贺润平,翟明普(28)

资源与环境

经济学与肥料学中报酬递减律的同一性问题 褚清河,强彦珍(33)

矿区塌陷复垦地土壤养分及酶活性的变化 乔志伟,李金岚,洪坚平,谢英荷(38)

微生物对矿山复垦地土壤基质的改良作用 杜慧平,刘利军,同双堆(43)

生物有机肥在盐碱地上的应用效果及其对玉米的影响 高 亮,丁春明,王炳华,史卓强,郝红伟,王建光,李 军(47)

新型有机无机复混肥对油菜产量及硝酸盐含量影响 向 云,刘秀珍(51)

蜂场规模对苹果授粉效果的研究 申晋山,郭 媛,张云毅,邵有全,武文卿(54)

植物保护

烟嘧磺隆·莠去津可湿性粉剂对夏玉米田杂草的防除效果

..... 樊建斌,张润祥,高 越,王 振,杜恩强,李光玉,范仁俊(57)

万寿菊杀菌素 I 抑菌作用及对西瓜幼苗的影响 范志宏,郭春斌,王金胜(61)

种衣剂包衣防治玉米丝黑穗病效果 郭义堂,李 洪,晋齐鸣,李太平(64)

10种杀虫剂对小菜蛾室内生物活性比较 贾变桃,刘鹏琰,贾 虎,刘慧平(67)

3种杀虫剂对星豹蛛捕食功能的影响 张 宾,马 敏,李生才(69)

山西省苹果绵蚜发生趋势与防控策略 程恩明,程 慧,中国香,张生智,田永强(73)

水产渔业

海洋渔业可持续发展研究进展 郑斯思,谭春兰(76)

农业经济

甘肃省农业综合开发项目效益评价及存在的问题分析 李向勇,张艳荣(79)

右玉县家庭承包土地流转调查 殷海善,赵 鹏(84)

综 述

我国大豆耐旱性研究进展 张永芳,王润梅,张东旭,刘文英,宋喜娥(88)

土壤呼吸研究进展及其测定方法概述 赵宁伟,郝春花,李建华(91)

国内斑潜蝇寄生蜂的研究进展 康育光,李 捷,赵 飞,孔维娜(95)

CONTENTS

●The general

- Strategy Choice for Control of Water Loss and Soil Erosion in Shanxi TIAN Liang-cai, et al(1)
- Progress and Trends of Transgenic Cotton in Shanxi and China LI Yan-e, et al(6)

●Genetics and breeding

- Germplasms Improvement for Extensive Adaptability and Steady Yield Maize and Hybrid Breeding ... LIU Shou-qu, et al(9)
- Genetic Diversity Analysis of Chinese Cabbage Germplasms ZHAO Mei-hua, et al(12)

●Biotechnology

- Studies on Rapid Propagation Technique for Tissue Culture in *Silphium perfoliatum* L via SHI Xiang-yuan, et al(17)

●Physiology and biochemistry

- Influences of Different Composts on Polysaccharide Content and Antioxidant Activity of *Agaricus blazei* Fruitbody
..... LI Bin-bin, et al(21)

●Cultivation

- Approach to Cleaner Production Technology System in Cotton SHAO Xin-sheng, et al(24)
- Study on Physiology Traits of *Caragana microphylla* and *Glycyrrhiza uralensis* and Their Compound Planting
..... HE Run-ping, et al(28)

●Resources and environment

- The Identity and Problem of the Diminishing Rate of Return in the Economics and the Fertilizer Sciences
..... CHU Qing-he, et al(33)
- Soil Nutrients and Enzyme Activity Changes in Core-mining Subsidence Area QIAO Zhi-wei, et al(38)
- Improvement Action of Microorganism on the Reclamation Soil in Mining Area DU Hui-ping, et al(43)
- Application Effects of Biological Organic Fertilizer in Saline-alkali Soil and Its Impacts on Maize GAO Liang, et al(47)
- Effect of New Organic/Inorganic Mixed Fertilizer on Rape Yield and Nitrate Content XIANG Yun, et al(51)
- Study on Bee Size to Pollination Effect of Fuji Apple Tree SHEN Jin-shan, et al(54)

●Plant protection

- Control Effect of Nicosulfuron·Atrazine WP in Summer Corn Field FAN Jian-bin, et al(57)
- Antifungal Activity of Marigold Fungicide 1 and Its Affection to Watermelon Seedling FAN Zhi-hong, et al(61)
- Preventive and Control Effects of Coating Agents on Corn Head Smut GUO Yi-tang, et al(64)
- Bioactivity Comparison of 10 Insecticides against Diamondback Moth(*Plutella xylostella* L) JIA Bian-tao, et al(67)
- Effects of Three Insecticides on Predation Function of *Pardosa astrigera* ZHANG Bin, et al(69)
- Infection Tendency and Control Measures for Woolling Aphis in Shanxi CHENG En-ming, et al(73)

●Aquatic fishery

- Progress of the Sustainable Development of Ocean Fishery ZHENG Si-si, et al(76)

●Agri-economy

- Benefit Evaluation and Problem Analysis of Agriculture Comprehensive Development Projects in Gansu Province
..... LI Xiang-yong, et al(79)
- The Investigation on Household Contract Land Transfer in Youyu County YIN Hai-shan, et al(84)

●Review

- Research Progress in Drought Resistance of Soybean (*Glycine max*) in China ZHANG Yong-fang, et al(88)
- Review on Research Advances and Determination Methods of Soil Respiration ZHAO Ning-wei, et al(91)
- Research Advances in Parasitic Wasps of Common Leafminers in China KANG Yu-guang, et al(95)