

目次

宏观农业

- 中国主要油料作物及食用植物油产业变动特征 陈允正, 杨校生, 格日乐图, 张锦耀 (197)
- 浙江省粮食产量影响因子的灰色关联分析 闵文华, 章明卓, 郭丽娜 (202)
- 农业科研单位在农业科技成果转化体系中的地位思考 牛 斌, 何 真, 白成云 (206)

生物技术

- 大豆油分含量 SSR 标记及 QTL 定位 任 君, 刘学义, 朱保葛 (210)
- 大花萱草“黄绣客”愈伤组织玻璃化的初步研究 黄花花, 曹冬梅, 魏爱丽 (213)

遗传育种

- 山西省农科院谷子研究所小麦品种改良及系谱分析 张俊灵, 孙美荣, 张东旭, 李岩华, 申书珍, 宋秀珍 (217)
- 小麦面粉谷蛋白溶胀指数的遗传方式及 QTL 定位 常 柳, 张兰萍, 逯成芳, 任永康, 尤明山, 李保云, 唐朝晖 (221)
- 薄皮甜瓜早熟新品种世纪甜的选育 智海英, 马海龙, 岳 青, 梁燕平, 苗如意 (225)

生理生化

- 谷子杂交种灌浆期光合性能研究 樊修武, 池宝亮, 张冬梅, 黄学芳, 张 伟 (227)
- 对 2 个裸仁南瓜自交系种子特性的研究 武峻新, 杨志坚 (230)
- 核桃枝条总酚含量与抗寒性的关系 宋宇琴, 王小军, 赵 思, 李六林 (232)
- 不同砧穗比对 3 个观赏枣品种萌芽及生长的影响 马光跃, 陈红玉, 申仲妹, 张金梅 (235)
- 草甘膦对鲫鱼肝细胞转氨酶的影响 张彬彬 (238)

耕作与栽培

- 莜麦新品种技术配套试验研究 韩美善, 韩启亮, 王建雄 (240)
- 氮肥和钾肥对保护地黄瓜矿质养分及品质的影响 郝丽萍 (243)
- 柳枝稷、新引 1 号东方山羊豆在山西的引种试验 郭春燕, 杨生权, 田良才, 卢 宁, 王宇宏, 王文英 (247)

资源与环境

- 生物菌肥对矿区复垦土壤磷、有机质、微生物数量的影响 许剑敏 (250)
- 野菜资源对营养转型期食品安全的作用与开发探析 陈梅英, 刘伟平, 戴永务, 洪真真 (253)

植物保护

- 山西小麦穗蚜复合种群动态监测模型探讨 李 峰, 裴雪霞, 郑王义, 谢威升, 丁锐钦 (256)
- 不同种药剂防治玉米丝黑穗病药效试验 张志慧, 郭 锐, 钮笑晓, 魏宏斌, 岳晓东, 李一波 (259)
- 叶面处理除草剂对防风等中药材的药害症状观察 原向阳, 王 鑫, 郭平毅, 张谨华, 温银元 (262)
- 马鞭草烯酮与 3-萜烯对红脂大小蠹趋性的协同效应研究初报 孙 东, 许志春, 温俊宝, 阳晋祥 (266)
- 核桃举肢蛾的生物学习性与温湿度的关系 刘芳洁 (270)
- 光肩星天牛化学防治技术研究 孟祥志 (273)
- 寄主植物—植食性害虫—杀虫剂三者的关系 张 睿 (276)

畜牧兽医

- 右玉边鸡配套瘦肉用性能比较 李培峰, 闫梦菲, 魏清宇, 叶红心, 崔少华, 丁魏香 (278)
- 猪高热病诊疗案例分析与体会 郭春燕, 杨继生 (281)

农业经济

- 现代农业产业体系建设道路选择 姚建民, 杨瑞平, 樊军亮, 卫一超 (284)
- 农民家庭小规模土地经营条件下农业现代化发展探讨 张 冰, 殷海善, 刘宏柄 (287)

综 述

- 简析氮素营养对超高产小麦的调控 程 巍, 刘晋荣 (291)

CONTENTS

●The general

- Analysis of Change Characteristics in Chinese Main Oil Crops and Edible Vegetable Oil Industry CHEN Yun-zheng, et al(197)
- The Correlation Analysis of Food Cereals Yield Affecting Factors in Zhejiang MIN Wen-hua, et al(202)
- Ideas about the Position of Agricultural Scientific Research Institutions in Agricultural Scientific Research Result Transformation System NIU Bin, et al(206)

●Biotechnology

- SSR Mark of Soybean Oil Content and QTL Localization REN Jun, et al(210)
- Preliminary Research of *Hemerocallis middendorfii* "Yellow Silk Ruffie" Callus Vitrification ... HUANG Hua-hua, et al(213)

●Genetics and breeding

- Wheat Variety Improvement and Pedigree Analysis in Millet Research Institute, Shanxi Academy of Agricultural Sciences ZHANG Jun-ling, et al(217)
- Genetic Pattern and QTL Mapping of Swelling Index of Glutenin in Wheat Flour CHANG Liu, et al(221)
- Selection of Early Maturity Oriental Melon Cultivar Shijitian ZHI Hai-ying, et al(225)

●Physiology and biochemistry

- Study on Photosynthetic Performance of Millet Hybrids at Grain-filling Stage FAN Xiu-wu, et al(227)
- Study on Seed Characteristics of Two Naked Kernel *Cucurbita moschata* WU Jun-xin, et al(230)
- Relationship between Total Phenolic Content in Walnut Shoots with Its Cold Hardiness SONG Yu-qin, et al(232)
- Effect of Ratios of Rootstock to Scion in Grafting Propagation on Germination and Growth in Three Cultivars of Ornamental Chinese Jujube MA Guang-yue, et al(235)
- Effects of Glyphosate on Hepatic GPT and GOT of *Carassius auratus* ZHANG Bin-bin(238)

●Cultivation

- Experiment of Cultivation Technology System for New Variety Buckwheat HAN Mei-shan, et al(240)
- Effects of Nitrogen and Potassium Application to the Mineral Nutrition and Quality of Cucumber Cultivated in Sheltered Area HAO Li-ping(243)
- Introduction Experiment of *Panicum virgatum* and *Galega orientalis* Lam. cv. xinyin No.1 in Shanxi GUO Chun-yan, et al(247)

●Resources and environment

- Effect of Biological Bacterial Fertilizer on the Phosphorus, Organic Matter and Microorganism in the Reclamation Soil in Mining Area XU Jian-min(250)
- Study on the Role of Wild Vegetable Resource for Food Safety at Nutrition Transition Stage - - - CHEN Mei-ying, et al(253)

●Plant protection

- Approach to Model of Wheat Aphid Complex Population Dynamic Monitoring in Shanxi LI Feng, et al(256)
- Effect of Corn Seed Coating Agents on Control of Maize Head Smut ZHANG Zhi-hui, et al(259)
- Study on Phytotoxicity Symptoms of Foliar Application Herbicide to Chinese Medicinal Herbs of *Saposhnikovia divaricata*(Turca.) Schischk. YUAN Xiang-yang, et al(262)
- Preliminary Study on the Synergistic Effect of Verbenone and 3-carene on the Attraction to *Dendroctonus valens* SUN Dong, et al(266)
- Biology Habit of *Atrijuglans huihai* Yang and the Relationship with Temperature and Humidity LIU Fang-jie(270)
- Technological Study on Chemical Control of *Anoplophora glariipennis* MENG Xiang-zhi(273)
- Relationship among Host Plants, Herbivorous Insects and Insecticides ZHANG Rui(276)

●Animal husbandry and veterinary

- Comparative Study on Meat Performance of Youyu Bian Chicken Crossbreeding System LI Pei-feng, et al(278)
- Analysis and Understanding on Case of Heat Illness Diagnosis in Pig GUO Chun-yan, et al(281)

●Agri-economy

- Way of Modern Agricultural Industrial System Construction YAO Jian-min, et al(284)
- Agriculture Modernization Development in China Based on Farmer Household Small Land Management ZHANG Bing, et al(287)

●Review

- Primary Analysis of Nitrogen Nutrient Control of Super-high-yield Wheat CHENG Sheng, et al(291)