



ISSN 1002-2481
CN 14-1113/S

山西農業科學

JOURNAL OF SHANXI AGRICULTURAL SCIENCES

SHANXI NONGYE KEXUE

第41卷第1期（总第323期）

- 中国科技核心期刊
- 中国科学引文数据库（CSCD）来源期刊
- 中国学术期刊综合评价数据库（CAJCED）统计源期刊
- 中国期刊全文数据库（CJFD）全文收录
- 中国核心期刊（遴选）数据库全文上网
- 中文科技期刊数据库全文收录

2013 1
Vol.41 No.1

ISSN 1002-2481

万方数据

山西省农业科学院 主办

目 次

遗传育种

- 源于中间偃麦草的抗条锈基因 *YrCH223* 的遗传分析及 SSR 定位 刘洁, 畅志坚, 李欣, 等(1)
几个自选玉米自交系配合力及遗传参数分析 樊丽生, 郑联寿, 郭耀东, 等(8)
等离子体注入枣树接穗的诱变试验 陈红玉, 马光跃, 郝学金, 等(11)
凉山州烤烟特色品种的比较筛选 吴俊龙, 闫凯龙, 李佳颖, 等(15)
抗病高产籽用西葫芦新品种的选育 陈曙霞, 郭明慧, 尚春树, 等(20)

生物技术

- 不同保存方法对中麻黄基因组 DNA 提取效果的影响 朱田田, 杜弢, 晋玲, 等(23)

生理生化

- HPLC 法测定 30 个荞麦品种芦丁含量的研究 郭彬, 韩渊怀, 黄可盛, 等(26)
硫酸盐与壳聚糖包衣大白菜种子对出苗率的影响 程季珍, 武峻新, 程伯瑛(30)
不同光质对烤烟旺长期生长发育和光合特性的影响 石盼盼, 宋朝鹏, 贺帆, 等(36)
不同光强对美国红栌叶片结构的影响 张超(40)

耕作与栽培

- 不同泥炭对仙客来生长和矿质养分含量的影响 张锁峰, 王劲松, 任志强(43)
密度和行距配置对耐密型玉米产量及其构成因素的影响 马磊磊, 杜天庆, 郝建平, 等(52)
基质施硒对生菜富硒效果及品质的影响 赵占军, 赵晓梅, 杨淑英, 等(57)

资源与环境

- 长期氮磷化肥和有机肥配施对褐土钾素平衡及不同形态的影响 路慧英, 周怀平, 杨振兴, 等(60)
增施有机肥对番茄生长、产量及土壤剖面硝态氮的影响 武爱莲, 焦晓燕, 韩鹏远, 等(66)
芦笋老茎堆肥中嗜热放线菌的分离和鉴定 陈婷婷, 王丽芳, 王琪, 等(70)
县域尺度农田生态系统土壤养分特征研究 周进财, 杨苗, 杨萍果(75)
万荣县冬小麦产量与气象条件的关系研究 张高斌, 郭建茂, 宁建东, 等(78)
我国新农村建设可持续发展热点探讨——以山西省襄汾县饮用水环境评价为例 郝自强, 李文刚, 梁友琴, 等(82)

植物保护

- 玉米叶片 SPAD 值在除草剂药害早期诊断中的应用 郭建文(86)
5%啶虫脒微乳剂防治棉花蚜虫田间药效试验 范巧兰, 张丽萍, 刘珍, 等(89)

贮藏与加工

- 中草药复合保鲜涂膜剂对鸡蛋的保鲜效果 梁茂文, 王呈, 赵瑞生, 等(92)

农业经济

- 山西农产品物流发展分析及对策 郑一霖(96)

综 述

- 葛根种质资源研究进展 肖淑贤, 李安平, 范圣此, 等(99)
黄花菜采后生理与贮藏保鲜技术研究进展 韩志平, 张春业, 马樱芳, 等(103)

CONTENTS

● Genetics and breeding

- Genetic Analysis and SSR Mapping of a *Thinopyrum intermedium* Derived Stripe Rust Resistance Gene *YrCH223* LIU Jie, CHANG Zhi-jian, LI Xin, et al(1)

- Analysis on Combining Ability and Genetic Parameter in Several Optional Maize Inbred Lines FAN Li-sheng, ZHENG Lian-shou, GUO Yao-dong, et al(8)

- Effects of Plasma Implantation Mutagenic Technology on Jujube Scion CHEN Hong-yu, MA Guang-yue, HAO Xue-jin, et al(11)

- Screening of the Characteristic Flue-Cured Tobacco Varieties Suitable for Liangshan Prefecture

- WU Jun-long, YAN Kai-long, LI Jia-ying, et al(15)

- Breeding of Seed Purposed Summer Squash with High Yield and Stronger Resistance CHEN Shu-xia, GUO Ming-hui, SHANG Chun-shu, et al(20)

● Biotechnology

- Effect of Preservation Methods to Cenomic DNA Extraction from *Ephedra intermedia* ZHU Tian-tian, DU Tao, JIN Ling, et al(23)

● Physiology and biochemistry

- Researched on Rutin Contents among 30 Buckwheat Cultivars by HPLC GUO Bin, HAN Yuan-huai, HUANG Ke-sheng, et al(26)

- Effect of Sulfate and Chitosan Coating to Germination Rate of Chinese Cabbage CHENG Ji-zhen, WU Jun-xin, CHENG Bo-ying(30)

- Effects of Different Light Quality on Growth and Photosynthetic of Flue-cured Tobacco during Exuberant

- Growth Period SHI Pan-pan, SONG Zhao-peng, HE Fan, et al(36)

- Effect of Light Intensities on Leaf Tissue of *Cotinus coggygria* 'Royal purple' ZHANG Chao(40)

● Cultivation

- Responses of Growing Media Nutrient Elements Concentration and Cyclamen Growth to Different Types Peat ZHANG Suo-feng, WANG Jin-song, REN Zhi-qiang(43)

- Influence of the Yield and Its Composition Factors of 2 Density-tolerant Maize Cultivars to Different Density and Row Spacing MA Lei-lei, DU Tian-qing, HAO Jian-ping, et al(52)

- Matrix Selenium on Selenium Effect and Quality of Lettuce ZHAO Zhan-jun, ZHAO Xiao-mei, YANG Shu-ying, et al(57)

● Resources and environment

- Influence of Long-term Nitrogen, Phosphorus Fertilizers and Organic Complex Fertilizations on Cinnamon

- Potassium Balance and Forms LU Hui-ying, ZHOU Huai-ping, YANG Zhen-xing, et al(60)

- Effect of Organic Fertilization Increasing on Growth and Yield of Tomato, and Nitrate-N in Soil Profile WU Ai-lian, JIAO Xiao-yan, HAN Peng-yuan, et al(66)

- Isolation and Identification of Thermophilic Actinomycetes in Asparagus Old Stem Compost CHEN Ting-ting, WANG Li-fang, WANG Qi, et al(70)

- Soil Nutrient Properties of Agro-ecosystem on a County Scale ZHOU Jin-cai, YANG Miao, YANG Ping-guo(75)

- Relationship Research between Winter Wheat Yield and Meteorological Conditions in Wanrong County ZHANG Gao-bin, GUO Jian-mao, NING Jian-dong, et al(78)

- Approach to Issues of Sustainable Growth of New Rural Community in China—Assessment about Drinking

- Water Environment in Case of Xiangfen, Shanxi QI Zi-qiang, LI Wen-gang, LIANG You-qin, et al(82)

● Plant protection

- Application of SPAD Value in Early Diagnosis of Herbicide Injuries in Corn GUO Jian-wen(86)

- Field Effects of 5% Acetamiprid ME on *Aphis gossypii* Glover FAN Qiao-lan, ZHANG Li-ping, LIU Zhen, et al(89)

● Storage and procession

- Effect to Eggs of Chinese Herbal Medicine Composite Coating Preservation LIANG Mao-wen, WANG Cheng, ZHAO Rui-sheng, et al(92)

● Agri-economy

- Analysis and Responding Measures for Logistics Development of the Agricultural Products in Shanxi ZHENG Yi-lin(96)

● Review

- Research Progress of Germplasm Resources of *Radix puerariae* XIAO Shu-xian, LI An-ping, FAN Sheng-ci, et al(99)

- Study Advance on the Postharvest Physiology, Storage and Fresh-keeping Techniques of Daylily HAN Zhi-ping, ZHANG Chun-ye, MA Ying-fang, et al(103)