

目 次

宏观农业

- 开发北方玉米产业带的生产潜力和发展前景 李晋川,田良才,牛天堂,王宇宏(3)
亚麻产业技术发展现状与对策 胡晓军(8)

生物技术

- 不同抗性玉米自交系ISSR多态性分析 刘永忠,赵晋峰,王高鸿,李万星,赵振友,靳鹏鹏,赵文媛(11)

遗传育种

- 具有再生特性的小麦材料筛选与细胞学分析 程天灵,温辉芹,张立生,裴友自(16)
玉米自交系抗丝黑穗病鉴定 白琪林,孙煊,石平,陈稳良,郭国亮(19)
早熟玉米产量与相关因素分析研究 邢宝龙,李育才,朱玉(22)
化学诱变玉米自交系性状分析 孙万海(26)
冬小麦新品种忻6160选育报告 贾苏卿,贾海瑜,李彦良,李世勇(30)
西葫芦新品种长青王6号的选育 杨淑巧,雷连进,聂安全,王晓民,雷雪梅(32)

耕作栽培

- 水地小麦产量品质同步提高栽培技术研究 张定一,党建友,王姣爱,董方红,裴雪霞(35)
不同耕作方式对旱地土壤环境和玉米产量的影响 张伟,张冬梅,樊修武,刘恩科,池宝亮(44)
灌溉量对土壤水分和苜蓿生长的影响 赵静,师尚礼,齐广平,霍平慧,高怀阳(48)
玉黄金和金得乐对玉米产量及其性状的影响 赵玉路,秦连保,赵玉兰(53)

生理生化

- 紫苏种子油成分自然变异的研究 王计平,史华平,南建福(56)
四块瓦藜耐热特性研究 王刚卿,冯康安(59)

资源与环境

- 郭家山煤矿土地复垦适宜性评价 刘二伟,赵艺学(62)
晋中市土壤养分动态变化长期定位研究 郭国宏(66)
山西省吉县耕地质量存在的问题与对策 兰吉奎,潘涌璋(70)
山西熊蜂资源调查研究 邢海萍,安建东,郭媛,邵有全,马卫华(73)
山西主要气候资源探析 朱敏嘉,苏威,王涛,王计川(77)
涑水河流域植被覆盖变化特征分析 南锋,毕如田(80)
黄土中Ca对Sr分配系数的影响 陈勇,霍丽娟,钱天伟(83)
固定化微生物处理苯酚废水的包埋材料及条件选择 张谨华,王鑫(85)
最适生物有机肥对大棚黄瓜的增产效应研究 高亮,丁春明,张福亮,郭秀爱,王建光,郝红伟,李军(88)

植物保护

- 1株大桃小食心虫具有致病力的球孢白僵菌的初步研究 熊琦,朱永敏,李捷,赵飞,谢映平,薛皎亮(91)
桃小食心虫发生规律新动态的初步探讨 仇贵生,张怀江,回文涛,张平,刘池林,郑运斌(94)
利用性诱剂防治梨小食心虫的研究试验 张利军,陈晓东,帅寨,杨斌,邱君武,马瑞燕(97)
5种药剂对美洲斑潜蝇的田间防效及对天敌的影响 张筱秀,李唐,连梅力,张治家,张建华(101)
二叉椎环机制在病虫害辅助诊断技术上的应用 乔建,沈佐锐,李颖,刘伟,邢锐,王鑫,杨慧勇,牛国飞(104)

畜牧兽医

- 羊蹄皮肤KAP3.2基因3'端序列的cDNA克隆及序列分析 刘一飞,范瑞文,董常生(108)
鸡小肠粘液肽的提取及对肉鸡生产性能的影响 王万云,马志娟,周业飞(112)

水产渔业

- 模式完善农业保险体系探析 任燕楠,金麟根(115)

综 述

- 环境条件的关系 张旭丽,李洪(120)

农业经济

- 晋中盆地太谷县土地流转调查研究 刘军芳,周振华,杨晨,白志华,殷海善(123)
山西省临汾市生态观光农业发展的新思路 邓明娟(127)

技术推广

- 孝义市高效立体种植模式及配套技术 范树仁,王小莲(130)
大棚西瓜三膜一苫促早栽培 李武,屈玉玲,胡朝霞(131)
万寿菊高产栽培技术 王亮军(133)
平顺县大红袍花椒的种植与管理 李鸿飞,程波范,段志荣,王景秀,郭春生(134)
榛子夏季修剪技术 张鹏飞,李兰,段良骅(135)
阳城县农业技术推广体系建设调查与思考 元曙波(137)
对蔬菜生产宏观调控的重要性 李志远(138)
马铃薯坏腐病的特征及综合防治 陈云,岳新丽,王玉春(140)
辣椒制种中的病害及综合防治 赵高平(141)
运城市行道树病虫害防治技术 冯革(142)
家禽氟中毒的原因及防治 党金鼎(144)

期刊基本参数:CN 14-1113/S * 1961 * M * 16 * 144 * zh * P * ¥8.00 * 1500 * 46 * 2010-07

CONTENTS

● The general

- Production Potentiality and Development Prospects of Northern China Corn Industrial Belt LI Jin-chuan, et al(3)
Current Situation and Measures of Technology Development in Flax Industry HU Xiao-jun(8)

● Biotechnology

- ISSR Polymorphism Analysis of Maize Inbred Lines with Resistance to Maize Head Smut LIU Yong-zhong, et al(11)

● Genetics and breeding

- Selection of Wheat Material with Regrowth Habit and Their Cytology Analysis CHENG Tian-ling, et al(16)
Evaluation of Resistance to Maize Head Smut in Maize Inbred Line BAI Qi-lin, et al(19)
Study on Analysis of Yield and Main Agronomic Traits among Different Varieties in Early-matured Maize XING Bao-long, et al(22)
Analysis on Characters of Chemical Induced Maize Inbred Lines SUN Wan-hai(26)
Breeding Report of New Winter Wheat Variety Xin 6160 with Resistance to Stripe Rust JIA Su-qing, et al(30)
Selection of High Yield Summer Squash F₁ Hybrid—Changqingwang 6 YANG Shu-qiao, et al(32)

● Cultivation

- Cultivation Technique to Improve Wheat Yield and Quality in Irrigated Land ZHANG Ding-yi, et al(35)
Influence of Different Tillage Methods on Soil Surroundings and Yield of Maize in Dryland ZHANG Wei, et al(44)
Effects of Irrigation Volume on Soil Moisture and Alfalfa Growth ZHAO Jing, et al(48)
Influence of Yuhuangjin and Jindele to Maize Output and Traits ZHAO Yu-lu, et al(53)

● Physiology and biochemistry

- Natural Variation for Seed Oil Composition in *Perilla frutescens* WANG Ji-ping, et al(56)
Traits of Salt Resistance in *Atriplex canescens* WANG Gang-shi, et al(59)

● Resources and environment

- Suitability Evaluation of Land to be Reclaimed in the Guojiashan Coal Mine LIU Er-wei, et al(62)
Evaluation Research for Long Term Dynamic Variation of Soil Nutrients in Jinzhong ZHENG Guo-hong(66)
Problems and Measures of Arable Land Quality in Ji County Shanxi LAN Ji-kui, et al(70)
Survey on Bumblebee Resources in Shanxi QI Hai-ping, et al(73)
Approach to Major Thermal Resources in Shanxi ZHU Min-jia, et al(77)
Analysis to Vegetation Cover Variation Features in Sushuihe River Basin NAN Feng, et al(80)
Effect of Loess Ca to Sr Distribution Coefficient CHEN Yong, et al(83)
Selection of Imbedded Materials and Conditions for the Treatment of Phenol Wastewater by Immobilized Microorganism ZHANG Jin-hua, et al(85)

- Yield Improvement Effect of Chenyu Biological Organic Fertilizer on Greenhouse Cucumber GAO Liang, et al(88)

● Plant protection

- Primary Report on *Beauveria bassiana* Strain TSB011 Pathogenetic to *Aslaarposina sasakii* XIONG Qi, et al(91)
The Elementary Studies on the New Developments of *Carposina sasakii* Occurrence Regularity QIU Gui-sheng, et al(94)
Experiment in Application of Sex Pheromone to Control of Oriental Fruit Moth(*Grapholitha molesta*)(Lepidoptera: Tortricidae) ZHANG Li-jun, et al(97)

- Field Control Effect of Five Pesticides on *Liriomyza sativae* and Impacts on Natural Enemies ZHANG Xiao-xiu, et al(101)
Application of Binary Reasoning Mechanism in Pest and Disease Diagnosis Technology QIAO Jian, et al(104)

● Animal husbandry

- The Clone and Sequence Analysis of KAP3.2 Gene 3' End cDNA in Alpaca LIU Yi-fei, et al(108)
The Preparation of an Antimicrobial Peptide from Chicken Small Intestine and Its Effect to the Growth Performance in Broilers WANG Wan-yun, et al(112)

● Aquatic fishery

- To Construct New Mode of Fishery Insurance and Prefect Agricultural Insurance System REN Yan-nan, et al(115)

● Review

- Relationship between Maize Roots and the Environmental Conditions ZHANG Xu-li, et al(120)

● Agri-economy

- Survey on Land Circulation in Taigu County Jinzhong Basin LIU Jun-fang, et al(123)
Idea to Develop Eco-tourist Agriculture in Linfen City DENG Ming-juan(127)

● Technology extension

- High Efficiency Stereocultivation Mode and Its Technology System in Xiaoyi FAN Shu-ren, et al(130)
Early Promotion Cultivation of 3 Film 1 Straw Mulch for Watermelon in Shed LI Wu, et al(131)
High Yielding Cultivation Technology of African Marigold WANG Liang-jun(133)
The Cultivation and Management of Dahongpao Pricklyash in Pingshun LI Hong-fei, et al(134)
Summer Pruning Technology in Hazel ZHANG Peng-fei, et al(135)
Investigation and Reflection in Establishment of Agricultural Technology Service System in Yangcheng County YUAN Shu-bo(137)
The Importance of Macroscopic Planning in Vegetable Production LI Zhi-yuan(138)
Features and Integrated Management of Ring-rot in Potato CHEN Yun, et al(140)
Insect Pest and Its Integrated Control in Hot Pepper Seed Propagation ZHAO Gao-ping(141)
Insect Pest Control Technology for Roadside Trees in Yuncheng City FENG Ge(142)
Fluorine Poisoning Reason and the Control in Poultry DANG Jin-ding(144)