

目次

生物技术

普通野生稻遗传多样性分析 王兴春,杨致荣,魏兴华(3)

遗传育种

航天搭载紫花苜蓿连续后代变异株系选育 范润钧,邓波,陈本建,柴小琴,张蕴薇(7)

生理生化

不同类型玉米杂交种的抗旱性和丰产性研究 黄学芳,黄明镜,池宝亮,刘化涛,张冬梅,闫六英(10)

耕作与栽培

旱塬区棉花地下微灌补水系统初探 杨苏龙,史俊东,南建福,石跃进,李永山(13)

几个不同玉米品种的产量比较 郑联寿,温日宇,郭耀东,刘建霞,樊丽生,姜庆国(16)

真姬菇原种及袋栽培养基配方的筛选 渠继红,罗雯娟,韩晓芳,孟俊龙,常明昌(18)

苹果套塑料薄膜袋技术探讨 武保德(21)

资源与环境

基于灰色系统模型的新疆奇台县农业供需水量预测及其平衡分析 常春华,熊黑钢,鲁魁锋(24)

城市道路植物景观改造设计简析——以铜梁县已建城区主干道景观改造为例 闫佳伟,张建林(28)

植物保护

北方果树食心虫监测和防控新技术研究与示范 范仁俊,李捷,马春森(32)

桃小食心虫生物生态学研究进展 赵飞,王慧(36)

有机果园食心虫的综合防治 赵金良,张彦周,李捷,蒋国芳,朱朝东(39)

Silwet618在食心虫农药减量化防治中的应用研究 张晓曦,张争峰,闫鹏飞,周璐,于春欣,曹冲,杜凤沛(44)

桃园梨小食心虫发生为害调查及防治对策 李唐,连梅力,马平顺,张筱秀,周运宁(47)

不同诱源对梨小食心虫引诱效果的研究 赵利鼎,李先伟,李纪刚,任文俊,孟豪,李亮,马瑞燕(51)

氯虫苯甲酰胺防治枣树桃小食心虫研究 张勇,李爱华,单公华,王涛,孙瑞红(55)

速收除草肥对谷子的安全性及对谷田杂草的防除研究 宋喜娥,王宏富,郭平毅,姚满生,来改英(57)

几种杀菌剂防治果树腐烂病药效对比试验 孟晶岩,李霞,高志东,刘金凤,杨春(60)

山西委烦生态区鼠类数量配置和变动规律研究

..... 邹波,张惠娣,宁振东,王庭林,常文英,杨新根,朱文雅,侯玉(62)

农业工程

弯形渠道水流偏斜问题探讨 郭晓宇,段喜明(65)

畜牧兽医

右玉鸡5个品系生长曲线拟合和比较分析 丁馥香,张李俊,贺东昌,魏清宇,李培峰,叶红心,崔少华(68)

彩色獭兔肺炎克雷伯氏菌病诊治报告 任克良,田林君,曹亮,王国艳,黄淑芳,张国权,李燕平,薛俊龙(72)

农业经济

山西“两区”农村经济发展对策 白志华,任红燕,张晓玲,秦作霞,邢虹娟(75)

我国休闲农业产业化发展的研究 牛沙沙,韩兴勇(79)

综述

指纹图谱与山西省作物种质资源的研究 白建荣(83)

植物耐盐性研究进展 任丽丽,任春明,赵自国(87)

技术推广

谷子优质高效栽培技术 雷利峰,高雪峰,冀萍,王小玲,赵会萍(91)

北方地区桧柏的扦插育苗技术 崔汝光,王心慈(92)

简析甘薯产业在阳泉市郊区的发展前景 郭俊红,李丽(94)

猪呼吸道疾病的综合防制 高振东,高振明(95)

CONTENTS

●Biotechnology

- Assessment of Genetic Diversity in Common Rice *Oryza rufipogon* WANG Xing-chun, et al(3)

●Genetics and breeding

- Selection of Successive Progean Mutants by Space Flight in Purple Alfalfa FAN Run-jun, et al(7)

●Physiology and biochemistry

- Study on the Drought Resistance and High-yielding of Various Maize Hybrid HUANG Xue-fang, et al(10)

●Cultivation

- Effects of Different Filtration Supplication System on Cotton in Semi-arid Region YANG Su-long, et al(13)

- Yield Comparison between Maize Varieties ZHENG Lian-shou, et al(16)

- Screening on Original Species and Bag Cultivation Medium Formula of the *Hypsizigus marmoreus* ... QU Ji-hong, et al(18)

- Technology Approach to Plastic Film Bagging Cultivation in Apple WU Bao-de(21)

●Resources and environment

- Agriculture Water Supply and Demand Prediction and Balance Analysis in Qitai County Xinjiang Based on

- Gray System CHANG Chun-hua, et al(24)

- Primary Discussion on Redesign of Plant Landscaping along City Road—in Case of Reconservation of Plant

- Landscape along Major Road in Tongliang County YAN Jia-wei, et al(28)

●Plant protection

- Research and Demonstration on Innovative Technologies to Monitor, Prevent and Control of Fruit Borers in

- Northern China FAN Ren-jun, et al(32)

- Biology and Bionomics of the Peach Fruit Moth, *Carposina sasakii* (Lepidoptera:Carposinidae) ZHAO Fei, et al(36)

- IPM Measures of Fruit Borer in Organic Orchard ZHAO Jin-liang, et al(39)

- Application Research on the Pesticide Reduction Control of Fruit Borer by Silwet618 ZHANG Xiao-xi, et al(44)

- Survey of Infection Damage and Control of the Oriental Fruit Moth, *Grapholitha molesta* (Busck) in Peach Orchard

- LI Tang, et al(47)

- Study on the Effects of Several Attractants to *Capholitha molesta* ZHAO Li-ding, et al(51)

- Study on the Control Techniques of Chlorantraniliprole to *Carposina sasakii* ZHANG Yong, et al(55)

- The Safety and Control Effect of Sumisoya Herbicide-fertilizer in Millet Fields SONG Xi-e, et al(57)

- Field Effect Comparison of Fungicides to Control Canker in Apple Tree MENG Jing-yan, et al(60)

- The Number of Configuration and Orderliness of Quantitative Alternation of the Harmful Mammals in Loufan

- Ecological Zone in Shanxi ZOU Bo, et al(62)

●Agri-engineering

- Study on the Water Flow Inclined Features of Bend Channel GUO Xiao-yu, et al(65)

●Animal husbandry and veterinary

- Comparative Study on Analysis and Fitting of 5 Strains' Growth Curve of Youyu Chicken DING Fu-xiang, et al(68)

- Diagnosis and Treatment Report of Klebsiella in Color Rex Rabbit REN Ke-liang, et al(72)

●Agri-economy

- Rural Economic Development Strategies in the "Two Areas" in Shanxi Province BAI Zhi-hua, et al(75)

- Approach to Development Mode of Leisure Agriculture Industrialization in China NIU Sha-sha, et al(79)

●Review

- The Finger Print and The Development of Crop Germplasm Resources in Shanxi BAI Jian-rong(83)

- Research Advances in Plant Salt-tolerance REN Li-li, et al(87)

●Technology expansion

- Cultivation Technology for Fine Quality and High Efficiency Millet LEI Li-feng, et al(91)

- Seedling Gutting Nursery for *Sabina chinensis* (Linn) Ant in Northern China CUI Ru-guang, et al(92)

- Brief Analysis to Growth Prospect of Sweet Potato in Yangquan GUO Jun-hong, et al(94)

- Integrated Control of Respiratory Diseases in Pigs GAO Zhen-dong, et al(95)