

## 目次

### ●作物栽培·遗传育种

- 阳春甜加糯玉米新品种引种比较试验……………李武,吴晓,卢文佳,梁炳荣,欧珊,陈家强,刘建华(1)
- 甘蓝型春油菜在西藏不同生态区性状差异分析……………袁玉婷(7)

### ●园艺林学

- 不同施肥处理对寒绯樱容器苗生长的影响……………陈端妮,叶小玲,胡晓敏,朱军,冯钦钊,杨梓滨(15)
- 广西贵港城市公园绿地园林植物资源调查……………李宇轩,和太平(23)
- 极小种群野生植物海南假韶子结构解剖特征研究……………崔杰,洪文君,刘俊,陈伟玉,何书奋,罗金(31)
- 橡胶树叶蓬物候研究进展……………李文秀,贺军军,张华林,罗萍(37)

### ●土壤肥料·资源环境

- 粤东地区柑橘园土壤养分调查分析……………赖多,邵雪花,匡石滋,肖维强,刘传和,贺涵(45)
- 液体肥料添加植物生长调节剂对甜玉米养分吸收及肥料利用率的影响  
……………龚林,李志滨,曾娥,程凤娟,邓兰生,张承林,胡克纬,涂攀峰(54)
- 有机肥替代化肥对南方冬作马铃薯产量和品质的影响……………官利兰,李水源,谭卫娜,陈健章,张新明(62)
- 施用生物有机肥对烟草产量和品质的影响……………刘丽辉,杨盼盼,田俊岭,谭志远,彭桂香(69)

### ●植物保护

- 烟草青枯病菌噬菌体分离及其生物学特性研究……………胡蓉花,余成鹏,任敏华,李小勇,刘琼光(78)
- 菠萝黑心病研究进展……………宋康华,谷会,张鲁斌,洪克前,贾志伟,侯晓婉(85)
- 柑桔砂皮病菌鉴定及室内药剂筛选试验……………何永林,黄晓琴,黎起秦,陆温,林纬,袁高庆(92)

前裂长管茧蜂对不同抗性寄主的寄生特性研究……赵海燕, 吉训聪, 陈海燕, 韦德卫, 林珠凤, 刘吉敏 (98)

### ● 畜牧兽医·水产养殖

非洲猪瘟检测技术研究进展……唐迪, 刘迪, 刘林, 王众, 郑宁, 郑业鲁 (104)

不同光色 LED 灯对育雏期文昌鸡生长性能的影响……严霞, 欧丁僮, 刘天飞, 王劼, 罗成龙 (112)

### ● 贮藏加工·质量安全

青稞种子萌动过程中抗氧化活性的变化

……白永亮, 凌志洲, 陈甜妹, 曾荣, 夏雨, 吴俏瑾, 刘霏莎 (119)

半连续化生产线和传统单机加工客家炒青绿茶主要品质成分比较分析

……梅双, 乔小燕, 陈维, 苗爱清, 马成英 (127)

### ● 农业工程·信息技术·农业经济

基于优化 EEMD 和支持向量机的国内大豆价格预测……杨静, 张大斌, 方洁凤, 李培汉 (134)

广东省烟叶生产现状与发展对策

……屈玉娇, 李集勤, 陈泽鹏, 文志强, 梁俊芬, 曹阳, 李淑玲, 陈俊标 (141)

蕉农对农业生产性服务的可得性及影响因素分析

——以海南省为例……王春雯, 王芳, 陈舒曼 (148)

风险偏好与农户技术采纳行为分析

——基于荔枝种植户的实证研究……陈美先, 齐文斌 (156)

---

**主管:** 广东省农业科学院

**主办:** 广东省农业科学院

华南农业大学

**协办:** 广州市农业科学研究所

广州花卉研究中心

深圳市农业科技促进中心

梅州市农业科学院

**特邀编委:**

张华 广州市农业科学研究所 院长 研究员

秦晓霜 广州市农业科学研究所 科技与信息部部长 高级农艺师

林春华 广东农工商职业技术学院 研究员

李新昌 肇庆学院生命科学学院 院长 研究员

周晓云 广州花卉研究中心 副主任 高级农艺师

黄绍宁 深圳市农业科技促进中心 研究员

谢岳昌 梅州市农业科学院 院长 高级农艺师

# GUANGDONG AGRICULTURAL SCIENCES

(Monthly)

Vol. 46 No. 11 Nov. 2019

## MAIN CONTENTS

### Crop Cultivation • Genetic Breeding

- Comparative Test Study on the Introduction of New Varieties of Sweet and Waxy Corn in Yangchun  
.....LI Wu, WU Xiao, LU Wenjia, LIANG Bingrong, OU Shan, CHEN Jiaqiang, LIU Jianhua ( 1 )
- Analysis of Differences in Traits of Spring Rapeseed (*Brassica napus* L.) in Different Ecological Regions of Tibet  
.....YUAN Yuting ( 7 )

### Horticulture & Forestry

- Effects of Different Fertilizer Treatments on the Growth of *Cerasus campanulata* Maxim Container Seedling  
..... CHEN Duanni, YE Xiaoling, HU Xiaomin, ZHU Jun, FENG Qinzhaohao, YANG Zibin ( 15 )
- Investigation on Landscape Plant Resources of Urban Public Parks in Guigang City, Guangxi Province  
.....LI Yuxuan, HE Taiping ( 23 )
- Anatomical Structure Characteristics of A Wild Plant of Extremely Small Population *Paranephelium hainanensis*  
..... CUI Jie, HONG Wenjun, LIU Jun, CHEN Weiyu, HE Shufen, LUO Jinhuan ( 31 )
- Research Progress in the Phenology of *Heava brasiliensis* Leaf  
..... LI Wenxiu, HE Junjun, ZHANG Hualin, LUO Ping ( 37 )

### Soil & Fertilizer • Resources & Environment

- Investigation and Analysis on Soil Nutrients in Citrus Orchards in Eastern Guangdong Province  
..... LAI Duo, SHAO Xuehua, KUANG Shizi, XIAO Weiqiang, LIU Chuanhe, HE Han ( 45 )
- Effects of Liquid Fertilizers with Plant Growth Regulators on Nutrient Absorption and Fertilizer Using Efficiency of Sweet Corn  
..... GONG Lin, LI Zhibin, ZENG E, CHENG Fengxian, DENG Lansheng, ZHANG Chenglin, HU Kewei, TU Panfeng ( 54 )
- Effects of Replacement of Chemical Fertilizer with Organic Manure on Yield and Quality of Winter Potato in South China  
.....GUAN Lilan, LI Shuiyuan, TAN Weina, CHEN Jianzhang, ZHANG Xinming ( 62 )
- Effects of the Bio-organic Fertilizer on Yield and Quality of Tobacco  
.....LIU Lihui, YANG Panpan, TIAN Junling, TAN Zhiyuan, PENG Guixiang ( 69 )

### Plant Protection

- Isolation and Biological Characteristics of Tobacco *Ralstonia solanacearum* Bacteriophage  
.....HU Ronghua, YU Chengpeng, REN Minhua, LI Xiaoyong, LIU Qiongguang ( 78 )

Advances in Research of Post-harvest Pineapple Blackheart Disease

..... SONG Kanghua, GU Hui, ZHANG Lubin, HONG Keqian, JIA Zhiwei, HOU Xiaowan ( 85 )

Pathogenic Identification of Citrus Melanose and Indoor Screening of Fungicides

..... HE Yonglin, HUANG Xiaoqin, LI Qiqin, LU Wen, LIN Wei, YUAN Gaoqing ( 92 )

Study on the Parasitic Characteristics of *Diachasmimorpha longicaudata* (Ashmead) on Different Insecticide-

resistant Strain Hosts..... ZHAO Haiyan, JI Xuncong, CHEN Haiyan, WEI Dewei, LIN Zhufeng, LIU Jimin ( 98 )

## **Animal Husbandry & Veterinary · Aquaculture**

Research Progress of African Swine Fever Detection

..... TANG Di, LIU Di, LIU Lin, WANG Zhong, ZHENG Ning, ZHENG Yelu ( 104 )

Effects of Different LED Light Colors on Growth Performance of Wenchang Chicken during Brooding Stage

.....YAN Xia, OU Dingtong, LIU Tianfei, WANG Jie, LUO Chenglong ( 112 )

## **Storage & Processing · Quality & Safety**

Changes in Antioxidant Activity of Highland Barley Seeds During Germination

.....BAI Yongliang, LING Zhizhou, CHEN Tianmei, ZENG Rong, XIA Yu, WU Qiaojin, LIU Aisha ( 119 )

Comparative Analysis of Quality Components in Hakka Roasted Green Tea Made by Semi-continuous Production

Line and Classic Single-machine .....MEI Shuang, QIAO Xiaoyan, CHEN Wei, MIAO Aiqing, MA Chengying ( 127 )

## **Agricultural Engineering · Information Technology · Agricultural Economy**

Domestic Soybean Price Forecast Based on EEMD and Support Vector Regression

.....YANG Jing, ZHANG Dabin, FANG Jiefeng, LI Peihan ( 134 )

Current Status and Future Development of Flue-cured Tobacco Production in Guangdong Province

.....QU Yujiao, LI Jiqin, CHEN Zepeng, WEN Zhiqiang, LIANG Junfen, CAO Yang, LI Shuling, CHEN Junbiao ( 141 )

Availability and Influencing Factors of Agricultural Productive Services for Banana Farmers

—Take Hainan Province as an Example.....WANG Chunwen, WANG Fang, CHEN Shuman ( 148 )

Farmers' Risk Preferences and Their Technology Adoption Behavior

—An Empirical Analysis of Litchi Farmer.....CHEN Meixian, QI Wen'e ( 156 )

---

本刊声明: 本刊已许可中国学术期刊全文数据库、万方数据 - 数字化期刊群、中文科技期刊数据库、超星数字图书馆等国内外数据库以及博看网, 以数字化方式复制、汇编、发行、信息网络传播本刊全文。作者向本刊提交文章发表的行为即视为同意我刊上述声明。