

中文核心期刊
中国科学引文数据库来源期刊
中国科技核心期刊



ISSN 1008-6564

CN 11-3900/S

CODEN ZNKDAJ

中国农业科技导报

Journal of
Agricultural Science
and Technology

2021年 第23卷 第 8 期

中华人民共和国科学技术部主管 中国农村技术开发中心主办

中国农业科技导报

第23卷 第8期 2021年8月

目次

农业创新论坛

- 我国油菜产业高质量发展现状和对策 殷艳,尹亮,张学昆,郭静利,王积军(1)
- 西南地区发展气候智慧型农业的对策建议
..... 杭晓宁,罗佳,张鹏程,李真煜,张健,胡留杰,余端,何为媛,周优良,廖敦秀(8)

生物技术 生命科学

- 海陆回交群体主要农艺性状与纤维品质关系的探讨
..... 李生梅,杨涛,黄雅婕,任丹,耿世伟,李典鹏,芮存,高文伟(16)
- 大豆鲜荚籽粒上位性 QTL 及其互作效应分析
..... 陈士亮,孙亚倩,邵振启,李文龙,孔佑宾,杜汇,李喜焕,张彩英(25)
- 多效唑对谷子茎秆特征及抗倒性的影响
..... 鱼冰星,王宏富,王振华,张鹏,成锴,余爱丽,闫海丽,鱼冰洁(37)
- 萝卜紫红叶色突变体的色素含量及光合特性研究
..... 蒲全明,杨鹏,雍磊,邓榆川,何自涵,林邦民,施松梅,向承勇,方芳(45)
- 不同剂量保水剂对袋式复合沙培辣椒生长发育及品质的影响
..... 程云霞,吴慧,刘迁杰,时振宇,贾凯,陈奕琳,俞安伟,申金秀(55)
- 润州凤头白鸭不同组织矿物元素沉积及相关基因表达研究
..... 白皓,李满凡,仲黎,宋倩倩,刘本帅,张莘,张扬,王志秀,江勇,徐琪,常国斌,陈国宏(63)
- 不同浓度吲哚乙酸对周丛生物微生物群落代谢特性的影响 ... 吴聪敏,马兰,吴永红,俞元春(74)

动植物健康

- 秸秆还田对不同地力黑土培肥与茎腐病害发生的影响 李双,张伟,王丽,李孝军,崔俊涛(80)
- 哈茨木霉菌诱导烟草抗黑胫病代谢差异的研究 刘利佳,徐志强,何佳,丁永乐,孙聚涛(91)
- W/O/W 型党参多糖纳米乳免疫增强剂制备及性质研究 ... 时菲菲,曹金花,于生兰,杨海峰(106)

食品质量 加工储运

- 基于文献专利计量的食品科技发展态势分析 段璐,高振(114)
- 澳大利亚过敏原问题食品召回管理与现状探析 王晓莉,马君娜(127)

生物制造 资源生态

- 死畜禽碱解处理技术研究现状及展望 尚斌,陶秀萍,董红敏,陈永杏,张万钦,尹福斌(136)
- 不同酸化剂对畜禽养殖粪水无机氮形态转化的影响
..... 梁英,刘森泓,沈玉君,丁京涛,孟海波,张朋月(142)

施氮量和栽插密度对桂育 11 号产量和稻米品质的影响

..... 吴子帅,李虎,黄秋要,陈传华,罗群昌,周新明,吴佳桔,刘广林(154)

氮肥一次性基施对不同成穗方式下直播常规粳稻产量的影响

..... 翁文安,程爽,李绍平,田晋钰,陶钰,胡群,胡雅杰,郭保卫,魏海燕,邢志鹏,张洪程(163)

钵苗机插密度对杂交籼稻新品种氮肥利用效率的影响

..... 江学海,罗德强,李敏,姬广梅,蒋明金,李立江,李刚华,周维佳,张佳凤(173)

湖北黄精潜在分布区预测及生态适宜性研究

..... 张雪可,张虹,章鹏飞,秦委,刘守金,彭代银,李雷(185)

生物炭施用下土壤微生物量碳氮的动态变化 朱利霞,陈居田,徐思薇,陈如冰,李俐俐(193)

雷沃阿波斯农业装备(封二) 百美村宿(封三)

作者投稿指南(201)

CONTENTS

AGRICULTURAL INNOVATION FORUM

Status and Countermeasure of The High-quality Development of Rapeseed Industry in China

..... YIN Yan, YIN Liang, ZHANG Xuekun, GUO Jingli, WANG Jijun(1)

Countermeasures on Developing Climate-smart Agriculture in Southwest China

..... HANG Xiaoning, LUO Jia, ZHANG Pengcheng, LI Zhenyi, ZHANG Jian,
HU Liujie, YU Duan, HE Weiyuan, ZHOU Youliang, LIAO Dunxiu(8)

BIOTECHNOLOGY & LIFE SCIENCE

Discussion on the Relationship Between Main Agronomic Traits and Fiber Quality in Backcross Populations of

Gossypium hirsutum L. × *Gossypium barbadense* L.

..... LI Shengmei, YANG Tao, HUANG Yajie, REN Dan, GENG Shiwei, LI Dianpeng, RUI Cun, GAO Wenwei(16)

Analysis of Epistasis QTL and Its Interaction Effects on Controlling Fresh Pod and Seed Related Traits in Soybean

..... CHEN Shiliang, SUN Yaqian, SHAO Zhenqi, LI Wenlong, KONG Youbin,
DU Hui, LI Xihuan, ZHANG Caiying(25)

Effects of Paclobutrazol on Stalk Characteristics and Lodging Resistance of Foxtail Millet

..... YU Bingxing, WANG Hongfu, WANG Zhenhua, ZHANG Peng,
CHENG Kai, YU Aili, YAN Haili, YU Bingjie(37)

Studies on Pigment Content and Photosynthetic Characteristics of Purple-red Leaf Color Mutant in Radish

..... PU Quanming, YANG Peng, YONG Lei, DENG Yuchuan, HE Zihan, LIN Bangmin,
SHI Songmei, XIANG Chengyong, FANG Fang(45)

Influences of Water-retaining Agent with Different Doses on Growth and Quality of Bag-type Compound Sape Pepper

..... CHENG Yunxia, WU Hui, LIU Qianjie, SHI Zhenyu, JIA Kai, CHEN Yilin, YU Anwei, SHEN Jinxiu(55)

Mineral Element Depositions and Gene Expression Across Different Tissues of the Runzhou White Crested Ducks

..... BAI Hao, LI Xiaofan, ZHONG Li, SONG Qianqian, LIU Benshuai, ZHANG Xin,
ZHANG Yang, WANG Zhixiu, JIANG Yong, XU Qi, CHANG Guobin, CHEN Guohong(63)

Effects of Different Concentrations of Indole-3-acetic Acid on the Metabolic Characteristics of Microbial Communities

in Periphyton WU Congmin, MA Lan, WU Yonghong, YU Yuanchun(74)

ANIMAL AND PLANT HEALTH

Effect of Straw Returning on Fertility and Stem Rot of Black Soil with Different Land Fertility

..... LI Shuang, ZHANG Wei, WANG Li, LI Xiaojun, CUI Juntao(80)

Study on Metabolic Difference of Resistance to Black Shot in Tobacco Induced by *Trichoderma harzianum*

..... LIU Lijia, XU Zhiqiang, HE Jia, DING Yongle, SUN Jutao(91)

Preparation and Properties of W/O/W *Codonopsis pilosula* Polysaccharide Nanoemulsion Immunopotentiator

..... SHI Feifei, Cao Jinhua, YU Shenglan, YANG Haifeng(106)

FOOD QUALITY & PROCESSING AND STORAGE

Development Status of Food Science and Technology Based on Bibliometrics and Patent Metrology

..... DUAN Jun, GAO Zhen(114)

Analysis on the Management and Current Situation of Food Allergen Recalls in Australia

..... WANG Xiaoli, MA Junna(127)

BIO-MANUFACTURING & RESOURCE AND ECOLOGY

Research Status and Prospect of Alkaline Hydrothermal Technology for Livestock Carcasses Disposal

..... SHANG Bin, TAO Xiuping, DONG Hongmin, CHEN Yongxing, ZHANG Wanqin, YIN Fubin(136)

Effects of Various Acidifiers on Inorganic Nitrogen Forms Transformation in Animal Slurry

..... LIANG Ying, LIU Senhong, SHEN Yujun, DING Jingtao, MENG Haibo, ZHANG Pengyue(142)

Influences of Nitrogen Fertilizer Application Rate and Planting Density on the Yield and Rice Quality of Guiyu 11

..... WU Zishuai, LI Hu, HUANG Qiuyao, CHEN Chuanhua, LUO Qunchang,
ZHOU Xinmin, WU Jiaju, LIU Guanglin(154)

Effects of One-off Nitrogen Basal Fertilization on Yield of Direct Seeding Conventional Japonica Rice Under Different

Panicle Formation Types WENG Wenan, CHENG Shuang, LI Shaoping, TIAN Jinyu, TAO Yu, HU Qun,
HU Yajie, GUO Baowei, WEI Haiyan, XING Zhipeng, ZHANG Hongcheng(163)

Influences of Planting Density on Yield and Nitrogen Use Efficiency in New Indica Hybrid Rice Varieties by

Bowl-Seedling-Mechanical-Transplanting JIANG Xuehai, LUO Deqiang, LI Min, JI Guangmei,
JIANG Mingjin, LI Lijiang, Li Ganghua, ZHOU Weijia, ZHANG Jiafeng(173)

Prediction of the Potential Distributions and Ecological Suitability of *Polygonatum zanlanscianense* Pamp

..... ZHANG Xueke, ZHANG Hong, ZHANG Pengfei, QIN Wei, LIU Shoujin, PENG Daiyin, LI Lei(185)

Dynamics of Soil Microbial Biomass Carbon and Nitrogen After Biochar Application

..... ZHU Lixia, CHEN Jutian, XU Siwei, CHEN Rubing, LI Lili(193)

中文核心期刊

中国科学引文数据库 (CSCD) 来源期刊

中国科技核心期刊 (中国科技论文统计源期刊)

中国核心期刊 (遴选) 数据库收录期刊

RCCSE中国核心学术期刊 (A)

中国农林核心期刊

中国学术期刊综合评价数据库来源期刊

中国期刊网、《中国学术期刊 (光盘版) 》全文收录期刊

Journal of Agricultural Science and Technology

微信公众号
nykjdb



ISSN 1008-0864

