

目次

农学·农业基础科学

有机物料配施对稻鸭共作土壤有机质及稻米品质的影响

..... 周凤珏,马洁萍,胡钧铭,陆展彩,李诗,李婷婷,张俊辉,郑富海,李宇翔,刘妹坤(1)

小麦玉米种植系统碳足迹核算与评估 牛玉军(7)

鲜食甜加糯玉米‘石甜糯8号’的选育及推广模式探讨 王宝宝,许洛,李中建,冯健英,王绍新(15)

地膜覆盖对甘薯生长及生理指标的影响 秦华伟,陈路路,田昌庚,刘尚刚,孙哲(20)

基于DEA模型的农业生产效率研究进展 张耀文,赵宇,李洪波,安亚明,蔡鑫,郭玉彬,刘猛,刘建军(27)

植物辐射育种和航天育种研究现状与热点分析 施秀娟,赵锐明,齐耀东,栗孟飞,魏雪苹(36)

生物育种技术促进甜菜种质资源创新研究进展 郭晗,吴则东(48)

生物科学

碳离子束辐射菜心种子的生物学效应及转录组分析

..... 戚明蔚,秦艺珊,天莹云,赖紫欣,骆善伟,周利斌,罗文龙(54)

水稻对镉吸收-迁移-分配的多层次互作网络及基因调控研究进展

..... 郑兴鑫,李祖然,段雨默,陈玲,曹力,祖艳群(65)

林学·园艺·园林

云杉花墨天牛对绥阳林区森林碳汇的损失与治理策略

..... 魏真明,马晓乾,孙小波,李璐,申东晨,于鲲,于文昊,马玲(77)

基于主成分分析和隶属函数法的根肿病病区青梗菜品种综合评价

..... 赖佳,刘勇,盛玉珍,韦树谷,黄玲,张骞方,张银超,王雅云,刘佳,叶鹏盛(85)

锗在水培和土培生菜中富集的研究 王书悦,宋奇,张文宇,马慕瑶,焦姣,樊彦超,郭颖超(98)

凹凸棒石-微生物协同脱硅及其应用效果研究

..... 冯志珍,陈太春,戴佳锟,付博,赵文娟,颜宏,韩姗姗,徐倩,卢雨欣,秦涛(108)

资源·环境·生态·土壤·气象

呼伦贝尔草原6种不同植物群落与土壤耦合特征 张俊青,吴少阳,张 艳,侯 健,吴海龙(119)

铁/生物炭混合材料对土壤砷生物有效性及青稞产量的影响 潘崇双,李 路(129)

长沙植烟土壤质地状况及其对烤烟产量与品质的影响
..... 刘琼峰,谷 雨,周峻宇,赵阿娟,陈 鸽,周世民,吴海勇,翟争光,李海露,袁熙军(140)

祁连山区蕨麻功能性状与根际效应对土壤因子的响应 张道百,韩欣颖,李军乔,闵星星,景美玲(150)

不同药用植物根际土壤微生物群落多样性比较研究
..... 杨玉玲,王 灿,孙宏伟,彭翠仙,杨清松,李 玲,郭开基,赵大伟,陶永宏(157)

基于长时序档案资料的索伦热量资源变化特征分析 乌兰图雅,贾晓燕,杨玉辉(165)

贵州农业气象灾害损失时空分布特征 曾晓珊,左 晋,陈 芳,张 波,管 玥(171)

宣城烟叶成熟期连阴雨灾害损失评估研究 胡安霞,包静雯,邱丽芳,孙秀邦(181)

植物保护·农药

0.005%溴鼠灵小麦毒饵实验室及现场适口性与灭鼠效果研究
..... 姜洪雪,姚丹丹,林思亮,冯志勇,秦 萌,秦 姣(189)

番茄潜叶蛾的嗅觉通讯研究进展 董 艳,于艳雪,张毅波,翟振宇,李红卫,薛超彬,张 柳(194)

梅州茶园病虫害绿色防控与茶产业可持续发展路径研究
..... 曹春艳,周梦珍,林彩容,伍卫才,黄秀鑫,邓龙辉,赖榕辉,钟进良,温华英(203)

食品·营养·检测·安全

柴达木吊干枸杞品质分析及评价 师 敏,杨文君,肖 明(211)

声明 (210)

《农学学报》简介 (封底)

Chinese Agricultural Science Bulletin

Vol.42 No.15 (Serial No.774), August 15, 2026

Contents

Effects of Combined Application of Organic Materials on Soil Organic Matter and Rice Quality in Rice–duck Farming System

..... ZHOU Fengjue, MA Jieping, HU Junming, LU Zhancai, LI Shi, LI Tingting, ZHANG Junhui, ZHENG Fuhai, LI Yuxiang, LIU Meikun(1)

Carbon Footprint Accounting and Assessment of Wheat and Maize Cropping Systems Based on Empirical Analysis of Juye County in

Shandong Province NIU Yujun(7)

Discussion on Breeding and Promotion Model of Fresh Sweet–waxy Corn ‘Shitiannuo No. 8’

..... WANG Baobao, XU Luo, LI Zhongjian, FENG Jianying, WANG Shaoxin(15)

Effects of Plastic Film Mulching on Growth and Physiological Indicators of Sweet Potato

..... QIN Huawei, CHEN Lulu, TIAN Changgeng, LIU Shanggang, SUN Zhe(20)

Research Progress on Agricultural Production Efficiency Based on DEA Model

..... ZHANG Yaowen, ZHAO Yu, LI Hongbo, AN Yaming, CAI Xin, GUO Yubin, LIU Meng, LIU Jianjun(27)

Research Progress and Emerging Trends in Plant Radiation Breeding and Space Breeding

..... SHI Xiujuan, ZHAO Ruiming, QI Yaodong, LI Mengfei, WEI Xueping(36)

Biological Breeding Technology Promotes Research on Innovation of Sugar Beet Germplasm Resources GUO Han, WU Zedong(48)

Biological Effects and Transcriptome Analysis of *Brassica rapa* var. *parachinensis* Seed Irradiated by Carbon Ion Beam

..... QI Mingwei, QIN Yishan, YAO Yingyun, LAI Zixin, LUO Shanwei, ZHOU Libin, LUO Wenlong(54)

Research Advances on Multi–level Interaction Networks and Gene Regulation of Cadmium Absorption, Translocation, and Distribution in

Rice (*Oryza sativa* L.) ZHENG Xingxin, LI Zuran, DUAN Yumo, CHEN Ling, CAO Li, ZU Yanqun(65)

Losses of Forest Carbon Sink by *Monochamus saltuarius* in Suiyang Forestry Region and Management Strategies

..... WEI Zhenming, MA Xiaoqian, SUN Xiaobo, LI Lu, SHEN Dongchen, YU Kun, YU Wenhao, MA Ling(77)

Comprehensive Evaluation of Pakchoi Varieties in Clubroot Affected Areas Based on Principal Component Analysis and Membership

Function Method LAI Jia, LIU Yong, SHENG Yuzhen, WEI Shugu, HUANG Ling, ZHANG Qianfang, ZHANG Yinchao, *et al.*(85)

Study on Enrichment of Strontium in Hydroponic and Soil-Cultivated Lettuce	.....	WANG Shuyue, SONG Qi, ZHANG Wenyu, MA Muyao, JIAO Jiao, FANG Yanchao, GUO Yingchao(98)
Research on Synergistic Desilication of Attapulgit with Microorganisms and Its Application Effects	.....	FENG Zhizhen, CHEN Taichun, DAI Jiakun, FU Bo, ZHAO Wenjuan, YAN Hong, HAN Shanshan, XU Qian, LU Yuxin, QIN Tao(108)
Coupling Characteristics of 6 Different Plant Communities and Soil in Hulunbuir Grassland	.....	ZHANG Junqing, WU Shaoyang, ZHANG Yan, HOU Jian, WU Hailong(119)
Effects of Iron-Biochar Composite Materials on Soil Arsenic Bioavailability and Hulless Barley Yield	.....	PAN Chongshuang, LI Lu(129)
Effects of Soil Texture Status on Yield and Quality of Flue-cured Tobacco in Changsha Tobacco-growing Areas	.....	LIU Qiongfeng, GU Yu, ZHOU Junyu, ZHAO Ajuan, CHEN Ge, ZHOU Shimin, WU Haiyong, ZHAI Zhengguang, LI Hailu, <i>et al.</i> (140)
Functional Traits of <i>Potentilla anserina</i> L. and Rhizosphere Effects in Qilian Mountain Region: Responses to Soil Factors	.....	ZHANG Daobai, HAN Xinying, LI Junqiao, MIN Xingxing, JING Meiling(150)
Comparative Study on Diversity of Rhizosphere Soil Microbial Communities in Different Medicinal Plants	.....	YANG Yuling, WANG Can, SUN Hongwei, PENG Cuixian, YANG Qingsong, LI Ling, GUO Kaiji, ZHAO Dawei, TAO Yonghong(157)
Analysis of Variation Characteristics of Thermal Resources in Suolun Based on Long-term Archival Data	.....	WULANTUYA, JIA Xiaoyan, YANG Yuhui(165)
Spatial and Temporal Distribution Characteristics of Agrometeorological Disaster Loss in Guizhou	.....	ZENG Xiaoshan, ZUO Jin, CHEN Fang, ZHANG Bo, GUAN Yue(171)
Assessment of Disaster Losses Caused by Continuous Rain During Tobacco Maturity in Xuancheng Region	.....	HU Anxia, BAO Jingwen, QIU Lifang, SUN Xiubang(181)
Study on Palatability and Rodenticidal Efficacy of 0.005% Brodifacoum Wheat Bait in Laboratory and Field	.....	JIANG Hongxue, YAO Dandan, LIN Siliang, FENG Zhiyong, QIN Meng, QIN Jiao(189)
Research Progress on Olfactory Communication of <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae)	.....	DONG Yan, YU Yanxue, ZHANG Yibo, ZHAI Zhenyu, LI Hongwei, XUE Chaobin, ZHANG Liu(194)
Study on Green Prevention and Control of Diseases and Pests in Meizhou Tea Gardens and Sustainable Development Path of Tea Industry	...	CAO Chunyan, ZHOU Mengzhen, LIN Cairong, WU Weicai, HUANG Xiuxin, DENG Longhui, LAI Ronghui, ZHONG Jinliang, <i>et al.</i> (203)
Quality Analysis and Evaluation of Hang-Dried Lycium Barbarum in Qaidam Basin	.....	SHI Min, YANG Wenjun, XIAO Ming(211)