

安徽农学通报

郑之宽 题字

1995年创刊(半月刊)

2026年第9期

总第32卷521期

目次

粮食作物

- 施氮水平对大麦籽粒灌浆及产量构成的影响..... 赵娅楠 王 骏 1
植物保护剂施用时期及次数对再生稻病害防控及增产的影响
..... 王 帅 张赛峰 曹明章 李广泽 王 京 施高强 李 超 7
配方施肥对早稻产量及肥料利用率的影响..... 贺武生 李丁华 刘功华 马安喜 谷云松 12
凤台县小麦品种展示比较试验..... 刘胜强 16
玉米品种航研9013的选育及配套栽培技术..... 宋凤鸣 孙明涛 毛书娜 陈志丹 郭末寒 邢继东 19
皖玉2108等14个夏玉米品种在皖北地区的比较试验..... 刘 梅 23

经济作物

- 灌溉方式及铁肥施用量对菠菜产量、品质及铁素积累的影响
..... 于 璐 高俊杰 刘中良 陈 震 李 程 毕梦希 庞金玲 王 婷 27
腐殖酸配施草木灰对烟草生长和烟叶品质的影响
..... 杨悦章 岳耀稳 张义志 柏永超 杨培钰 田金云 孔令斌 32
阳光玫瑰葡萄优质高效栽培技术要点与应用成效..... 王文杰 曹 勇 陶新纪 谷云松 陈金龙 36
月季规范化养护管理关键技术..... 曹振洲 40
光伏组件遮阴对油用牡丹生长发育的影响
..... 卢 林 冀含乐 王二强 庞静静 王若晗 韩 鲲 郭亚珍 43
闽北高山区线椒高效栽培技术..... 林翻飞 谢鑫鑫 黄建都 王艳娜 叶 和 李敏欣 陈秀娟 47

动物科学·动物医学

- 3个养殖群体大鲵形态性状与体质量的通径分析
..... 蒋 燕 刘 玲 黄宝熠 杨宾兰 韦玲静 马远雄 张 盛 刘 康 50
育种技术在牧草改良中的整合应用与发展路径..... 田 政 冯 磊 56

生态环境·植保

- 观赏草在滨海盐碱地生态修复及综合利用中的应用前景分析
..... 李鑫蕊 徐 舫 乌日娜 管晓飞 徐 博 赵一扉 62

加拿大一枝黄花入侵概况及防除研究进展	王 兰 李小刚	65
毕节市高标准农田建设与粮食可持续生产能力提升路径	杨 洋 李 跃 刘 灿	69
酒泉市防沙治沙实践与典型模式	张维成 杨 波	73
啉菌酯等9种药剂对花生褐斑病的田间防效及产量的影响	苏效华 韩晓明 吴慧莹 石国栋	76
咯菌腈·解淀粉芽孢杆菌复配对番茄灰霉病的持效期和防治适期	冉永正 冉东升	79
杂草防控模式对木薯种质圃生境及其种质保护的影响	韦祖生 赵 媛 徐 钊 付海天 杨秀娟	84

农产品加工·检验检测

柑橘农药残留检测与安全性评估	周树娅 王联广 石安宪 岳 银 伍湘竹 季青梅 卢 艳 马 鹏	90
----------------------	---------------------------------	----

生物资源·利用

地参多糖(LLP-1)调控细胞周期的网络药理学和分子对接研究	廖宇星 梁会晴 杨雯杰 张翠香 黄红梅 杨棋榕 龚嘉祺 陈贵元 李雪英	94
基于文献数据的重庆市药用脊椎动物资源调查分析	姜林汐 孙翰昌 胡广地 吴泳江	99
红景天主要化学成分及应用研究进展	庄春慧 伊 梅 于海蛟 马晓军 张 丽 王雪松 谢芳宇	102

农业信息·农业气象

黔东南2021年9月异常高温成因分析	陈 超 蔡成遥 吴弘智 桂永刚 李习瑾 胡 萍	106
怀远县气候态的转变特征及农业生产的响应	刘肖肖 赵 闫 宋祖悦 李永存	110

农业教育

植物液泡系超活染色与观察实验条件优化	乔嘉欣 张宁芷 徐 鑫 王文燕	114
基于OBE理念的微生物工程实验教学改革创新实践	聂春雨 殷亚杰 郎亚军 陈乃钰 卞立红	117
现代产业学院视域下的生物技术专业应用型人才培养模式改革与实践	农艳丰	120
高校生物课程线上线下混合式教学改革实践	王玲宝 魏姗姗 黄睿童 刘 蕊	124
农村集体经济经理人的能力结构及培养路径	郑 谦 许丽丽	128
临床兽医学课程群“知识—能力”并行培养模式构建与应用	付世新 李玉丹 葛岩松 罗春海 王建发 鲁文赓	133

农业经济·管理

潍坊地区甘薯产业发展现状与对策分析	张 苗 王一鹏 李 飞 刘 健 韩 伟	137
日照市茶产业发展现状与高质量发展路径	李 斌 周倩倩 朱亚兰 魏建博 侯 剑 傅晓东 韦朝领 刘升锐	141

青年编委风采	封二
“走进《安徽农学通报》”阅读征文及期刊封面素材征集公告	封三

本刊声明:凡被本刊录用的稿件,即视为作者同意授权本刊及本刊合作单位(中国知网、万方、维普等数据库)使用其作品,授权权利包括但不限于复制权、发行权、信息网络传播权、表演权、翻译权、汇编权及改编权等。所刊论文稿费已包含上述著作权使用费。作者对上述声明有异议的来稿请说明,本刊将做适当处理。

Anhui Agricultural Science Bulletin
Vol.32 No.9 May 2026
Contents

Effects of different nitrogen application levels on barley grain filling and yield components
..... Zhao Yanan Wang Tao(1)

Effects of application period and frequency of a plant protection formulation treatment on disease prevention and yield increase of ratoon rice Wang Shuai Zhang Saifeng Cao Mingzhang Li Guangze Wang Jing Shi Gaoqiang Li Chao(7)

Effects of formula fertilization on early rice yield and fertilizer utilization rate
..... He Wusheng Li Dinghua Liu Gonghua Ma Anxi Gu Yunsong(12)

Comparative experiment on wheat variety display in Fengtai County Liu Shengqiang(16)

Breeding and cultivation techniques of maize variety Hangyan 9013
..... Song Fengming Sun Mingtao Mao Shuna Chen Zhidan Guo Mohan Xing Jidong(19)

Comparative experiment of 14 summer maize varieties, including Wanyu 2108, in Northern Anhui Liu Mei(23)

Effects of irrigation methods and iron fertilizer application amounts on yield, quality, and iron accumulation in spinach
..... Yu Lu Gao Junjie Liu Zhongliang Chen Zhen Li Cheng Bi Mengxi Pang Jinling Wang Ting(27)

Effects of humic acid combined with plant ash on flue-cured tobacco growth and leaf quality
..... Yang Yuezhong Yue Yaowen Zhang Yizhi Bai Yongchao Yang Peiyu Tian Jinyun Kong Lingbin(32)

Key points and application effects of high quality and efficient cultivation techniques for Shine Muscat grape
..... Wang Wenjie Cao Yong Tao Xinji Gu Yunsong Chen Jinlong(36)

Key technologies for standardized maintenance and management of rose Cao Zhenzhou(40)

Effects of shading for photovoltaic modules on the growth and development of oil peonies
..... Lu Lin Ji Hanle Wang Erqiang Pang Jingjing Wang Ruohan Han Kun Guo Yazhen(43)

Efficient cultivation techniques for linear pepper in the high mountainous areas of Northern Fujian
..... Lin Hefei Xie Xinxin Huang Jiandu Wang Yanna Ye He Li Minxin Chen Xiujuan(47)

Path analysis of morphological traits with body weight in three farmed populations of *Andrias davidianus*
..... Jiang Yan Liu Ling Huang Baoyi Yang Binlan Wei Lingjing Ma Yuanxiong Zhang Sheng Liu Kang(50)

Integrated application and development path of breeding technology in the improvement of forage grass crops
..... Tian Zheng Feng Lei(56)

Analysis on the application prospect of ornamental grasses in ecological restoration and comprehensive utilization of coastal saline-alkali land Li Xinrui Xu Bo Wu Rina Guan Xiaofei Xu Bo Zhao Yifei(62)

Research progress on the invasion overview and control of *Solidago canadensis* Wang Lan Li Xiaogang(65)

The path for high-standard farmland construction and enhancement of sustainable grain production capacity in Bijie City
..... Yang Yang Li Yue Liu Can(69)

Practice and typical models of sand control and desertification management in Jiuquan City	Zhang Weicheng Yang Bo(73)
Field efficacy of 9 pesticides, including azoxystrobin, on peanut brown spot disease and their effects on yield	Su Xiaohua Han Xiaoming Wu Huiying Shi Guodong(76)
Persistence and optimal control period of fludioxonil· <i>Bacillus amyloliquifaciens</i> compound agent against tomato gray mold	Ran Yongzheng Ran Dongsheng(79)
Effects of weed control on cassava germplasm nursery habitat and germplasm conservation	Wei Zusheng Zhao Yuan Xu Chuan Fu Haitian Yang Xiujuan(84)
Pesticide residues detection and safety risk assessment in citrus	Zhou Shuya Wang Lianguang Shi Anxian Yue Yin Wu Xiangzhu Ji Qingmei Lu Yan Ma Peng(90)
Network pharmacology and molecular docking studies on the regulation of cell cycle by <i>Lycopus lucidus</i> polysaccharide (LLP-1)	Liao Yuxing Liang Huiqing Yang Wenjie Zhang Cuixiang Huang Hongmei Yang Qirong Gong Jiaqi Chen Guiyuan Li Xueying(94)
Investigation and analysis of medicinal vertebrate resources in Chongqing based on literature data	Jiang Linxi Sun Hanchang Hu Guangdi Wu Yongjiang(99)
Research progress on main chemical constituents and applications of <i>Rhodiola rosea</i>	Zhuang Chunhui Yi Mei Yu Haijiao Ma Xiaojun Zhang Li Wang Xuesong Xie Fangyu(102)
Analysis of the causes of abnormally high temperature in September 2021 in Northeast Guizhou	Chen Chao Cai Chengyao Wu Hongzhi Gui Yonggang Li Xijin Hu Ping(106)
Analysis transition characteristics of climatic state and agricultural production response in Huaiyuan County	Liu Xiaoxiao Zhao Yan Song Zuyue Li Yongcun(110)
Optimization of experimental conditions for supravital staining and observation of plant vacuole system	Qiao Jiaxin Zhang Ningzhi Xu Xin Wang Wenyan(114)
Practice of experimental teaching reform in <i>Microbial Engineering</i> based on OBE concept	Nie Chunyu Yin Yajie Lang Yajun Chen Naiyu Bian Lihong(117)
Reform and practice of applied talent training model for Biotechnology major from the perspective of modern industrial college	Nong Yanfeng(120)
Practice of online–offline blended teaching reform for <i>Biology</i> courses in universities	Wang Lingbao Wei Shanshan Huang Ruitong Liu Rui(124)
Competence structure and training paths of rural collective economy managers	Zheng Qian Xu Lili(128)
Construction and application of the “knowledge–ability” training model in the <i>Clinical Veterinary Medicine</i> curriculum group	Fu Shixin Li Yudan Ge Yansong Luo Chunhai Wang Jianfa Lu Wengeng(133)
Status and countermeasures of the sweet potato industry in Weifang region	Zhang Miao Wang Yipeng Li Fei Liu Jian Han Wei(137)
Current status and high quality development path of tea industry development in Rizhao City	Li Bin Zhou Qianqian Zhu Yalan Wei Jianbo Hou Jian Fu Xiaodong Wei Chaoling Liu Shengrui(141)