

耕作与栽培

耕作
与
栽培

★ 贵州省第一届优秀期刊 ★ 中国核心期刊（遴选）数据库收录期刊 ★ 万方数据——数字化期刊群全文上网
★ 《中国期刊网》《中国学术期刊（光盘版）》全文收录期刊 ★ 《中文科技期刊数据库》全文收录期刊

ISSN 1008-2239



9 771008 223210

耕作与栽培

(GENGZUO YU ZAIPEI)

第 41 卷 第 3 期 2021 年 6 月

双月刊(总第 241 期)

目 次

· 研究报告 ·

- 不同基质配比对桢楠容器苗生长特征影响的研究
赵 丹, 谢 娜, 赵德刚 (1)
- 红豆树组培苗微枝瓶外和瓶内生根效果比较
桂 平, 韦小丽 (8)
- 不同种植环境下黄秋葵籽粒营养成分的测定与分析
蒙元燕, 吴安忠, 韦小宝 (11)
- 不同铃位陆地棉种子活力的研究
邓晓娟, 刘玉龙, 陈 琴, 刘鹏飞, 陆小双, 陈 蝶 (16)
- 果穗不同烘干温度对玉米杂交种隆平 206 种子活力的影响
徐海青, 谢全刚, 田盛基, 余 海, 韩建龙, 王 进 (20)
- 收获时期和烘干温度对玉米种子发芽的影响
宋金丽, 宋连启, 王明磊, 刘 榜, 郜书范, 高金灵, 余 洪, 刘青培 (26)
- 莴苣种子萌发过程中细胞壁降解酶活性的动态变化
叶 漪, 贺 芬, 王 晖, 曾 清, 梁 娟 (29)
- 不同播期对再生稻信梗 18 产量及产量性状的影响
石守设, 朱保磊, 张 顺, 金开美, 黄 涛, 李 刚, 师令智 (34)

· 综 述 ·

- 种子引发技术及其提高抗旱性的机制
张康康, 侯丹平, 谭金松, 毕庆宇, 毕俊国, 刘国兰, 余新桥, 胡立勇, 罗利军 (38)

· 植物资源 ·

- 小豆种质资源鉴定与评价
高运青, 李姝彤, 郑丽珍, 赵 芳, 尚启兵, 徐东旭 (45)
- 重庆缙云山国家级自然保护区新记录植物
陈 锋, 熊 驰 (48)

· 问题探讨 ·

不同耕播方式对黔麦 21 号产量的影响 隋建枢,王显立,王伟,陈天青,罗永露,吴文强,何庆才	(54)
冬作马铃薯不同膜覆盖与打孔播种效果试验 潘 岚,覃金鼓,蒙 懿	(56)
不同带距配置方式对高粱红缨子群体质量、产量的影响 陈德珍,李明举,张红亚,赵福胜,章洁琼	(59)
务川县玉米覆膜与常规栽培对比试验研究 文 华	(62)
不同有机肥施用量对高粱产量和效益分析 刘均霞,赵小敏,王 平,廖 旺	(64)
临沭县甘薯 3414 试验报告 李频道,王 静,王相连	(66)
杂交新品种遵辣 9 号不同密度试验研究 吴亚丽,陈 东,赵仁全,刘小敏,张 红,蒲一秋,郑 颖	(68)
设施番茄品种引进比较试验初报 潘业勤,杨勇胜,李承涛,江旭升,罗正勇	(71)

· 良种良法 ·

遵义朝天椒杂交新品种遵辣 10 号的选育 令狐昌英,余常水,杨方福,冯世举,吴 康,罗 燧, 张骏松,彭诗云,谢 挺,张进飞,田 浩	(75)
抗旱耐瘠小麦品种洛早 15 的选育及高产栽培技术 张学品,冯伟森,杨洪强,丁志强,吴少辉	(79)
高产广适两系杂交水稻新品种广两优 927 的选育及制种技术 李启千,张 波,柳 菁,刘祥功,洪永乐,朱永安,李航宇,郭利伟,张 顺	(81)
湄潭县主栽辣椒品种主要病害抗性监测研究 刘 霞,钱 瑞,周开云,江 健,刘建梅,杨学辉	(84)
玉米新品种蠡玉 128 的选育及栽培技术 贺东刚,赵劲霖,李泽锋,王业国,孙甜田,赵育进,郑志国, 郑卫华,崔浩然,贺海员,刘许乐,张珊珊	(87)

· 经验交流 ·

丹棱县晚熟桔橙枯水现状及防控技术分析 李斌斌,袁兴亮	(90)
-------------------------------------	------

Tillage and Cultivation

Vol.41 No.3 June 2021

Bimonthly(Total No.241)

CONTENTS

Research Reports

- Study on the growth characteristics of the container seedlings of *Phoebe Zhennan* with different substrates
..... ZHAO Dan, XIE Na, ZHAO Degang (1)
- Comparison of rooting effect of *Ormosia Hosiei* test-tube plantlet inside and micro-branches outside tube
..... GUI Ping, WEI Xiaoli (8)
- Determination and analysis of different planting environment Okra grain nutrients
..... MENG Yuanyan, WU Anzhong, WEI Xiaobao (11)
- Study on seed vigor of upland cotton in different boll positions
..... DENG Xiaojuan, LIU Yulong, CHEN Qin, LIU Pengfei, LU Xiaoshuang, CHEN Die (16)
- Effects of different drying temperatures of ears on seed vigor of maize hybrid Longping 206
..... XU Haiqing, XIE Quangang, TIAN Shengji, YU Hai, HAN Jianlong, WANG Jin (20)
- The influence of harvesting time and drying temperature on maize seed germination
..... SONG Jinli, SONG Lianqi, WANG Minglei, LIU Bang, GAO Shufan,
..... GAO Jinling, YU Hong, LIU Qingpei (26)
- Dynamic changes of degrading enzyme of cell wall activity during the germination of lettuce seeds
..... YE Yi, HE Fen, WANG Hui, ZENG Qing, LIANG Juan (29)
- Effect of different sowing dates on yield and its character of ratoon rice of Xinjing 18
SHI Shoushe, ZHU Baolei, ZHANG Shun, JIN Kaimei, HUANG Tao, LI Gang, SHI Lingzhi (34)

Review

- Seed priming technologies and its mechanisms to improve drought resistance
..... ZHANG Kangkang, HOU Danping, TAN Jinsong, BI Qingyu, BI Junguo,
..... LIU Guolan, YU Xinqiao, HU Liyong, LUO Lijun (38)

Plant Resources

- Identification and evaluation of mungbean germplasm resources
..... GAO Yunqing, LI Shutong, ZHENG Lizhen, ZHAO Fang, SHANG Qibing, XU Dongxu (45)
- Newly recorded vascular plants from jinyun mountain national nature reserve of chongqing
..... CHEN Feng¹, XIONG Chi (48)

Discussion

- Effects of tillage and sowing methods on grain yield of Qianmai 21
..... SUI Jianshu, WANG Xianli, WANG Wei, CHEN Tianqing,
..... LUO Yonglu, WU Wenqiang, HE Qingcai (54)
- Experimental summary on the effect of different film mulching and drilling sowing on winter potato
..... PAN Lan, QIN Jingu, MENG Yi (56)
- Effects of different belt spacing on population quality and yield of sorghum Hongyingzi
..... CHEN Dezhen, LI Mingju, ZHANG Hongya, ZHAO Fusheng, ZHANG Jieqiong (59)
- Comparative study on mulching and conventional cultivation of maize in Wuchuan County
..... WEN Hua (62)
- Effect of different application rates of organic fertilizer on yield and benefit of sorghum
..... LIU Junxia¹, ZHAO Xiaomin², WANG Ping¹, LIAO Wang (64)
- Experimental report on sweet potato 3414 in Linshu County
..... LI Pindao, WANG Jing, WANG Xianglian (66)
- Experimental study on different densities of hot pepper Zunla No.9
..... WU Yali, CHEN Dong, ZHAO Renquan, LIU Xiaomin,
..... ZHANG Hong, PU Yiqiu, ZHENG Ying (68)
- Preliminary report on comparative experiment on introduction of tomato varieties in facilities
..... PAN Yeqin, YANG Yongsheng, LI Chengtao, JIANG Xusheng, LUO Zhengyong (71)

Fine Seed and Method

- Breeding of a new hybrid variety Zunla 10 from local accessions of Zunyi Chaotian Pepper
..... LINGHU Changying, YU Changshui, YANG fangfu, FENG shiju, WU Kang, LUO Yi,
..... ZHANG Junsong, PENG shiyun, XIE Ting, ZHANG Jinfei, TIAN Hao (75)
- Breeding and high-yielding cultivation techniques of a new wheat variety Luohan 15 with drought resistance and barren tolerance
..... ZHANG Xuepin, FENG Weisen, YANG Hongqiang, DING Zhiqiang, WU Shaohui (79)
- A new two line hybrid rice variety Guangliangyou 927 with high yield and wide adaptability breeding and seed production technology LI Qigan, ZHANG Bo, LIU Jing, LIU Xianggong, HONG Yongle,
..... ZHU Yongan, LI Hangyu, GUO Liwei, ZHANG Shun (81)
- Research on monitoring resistance to major diseases of main pepper varieties in Meitan County
..... LIU Xia, QIAN Rui, ZHOU Kaiyun, JIANG Jian, LIU Jianmei, YANG Xuehui (84)
- Breeding and cultivation of the new maize variety Liyu 128
HE Donggang, ZHAO Jinlin, LI Zefeng, WANG Yeguo, SUN Tiantian, ZHAO Yujin, ZHENG Zhiguo,
..... ZHENG Weihua, CUI Haoran, HE Haiyuan, LIU Xule, ZHANG Shanshan (87)

Exchange of Experience

- Analysis on low water status and control technology of late maturing orange in Danling County
..... LI Binbin, YUAN Xingliang (90)