

ISSN 1002-7807
CN 41-1163/S

MIANHUA XUEBAO
棉花学报
Cotton Science

2021年 第三十三卷 第五期 Vol.33 No.5

中国农学会 主办



棉花学报

Mianhua Xuebao

Cotton Science



ISSN 1002-7807

CN 41-1163/S

2021年,第33卷,第5期,9月15日

目次

·研究与进展·

(385)外施不同形态硼对棉花吸收利用硼及其他矿质元素的影响 李鸣凤,彭文勇,何华,刘新伟,赵竹青

(393)基于隶属函数法对不同基因型棉种萌发期抗氧化能力的综合评价

王洪博,付媛媛,杨鸿基,孙文君,高阳,王兴鹏

(404)滴灌带埋设深度对无膜棉产量形成的影响 段佳宏,李楠楠,王军,李军宏,郝先哲,罗宏海,杨国正

·研究简报·

(412)陆地棉 $L-D_1$ 等位基因特异性分子标记的开发及应用

姜辉,郑锦秀,王永翠,张超,王秀丽,陈莹,高明伟,王家宝,柴启超,赵军胜

(422)耕层重构对棉田土壤养分、微生物数量与酶活性的影响

王燕,张谦,王树林,韩硕,冯国艺,董明,钱玉源,祁虹

(封二)《棉花学报》编委会

(封三)广告·棉花生物学国家重点实验室

(封四)《棉花学报》投稿指南

棉花学报

Mianhua Xuebao

Cotton Science



ISSN 1002-7807

CN 41-1163/S

2021, Vol. 33, No. 5, September 15

Contents

• RESEARCH REPORTS •

(385) **Effects of different forms of boron on absorption and utilization of boron and other mineral elements in cotton**

Li Mingfeng, Peng Wenying, He Hua, Liu Xinwei, Zhao Zhuqing

(393) **Comprehensive evaluation of antioxidant ability of different genotypes of cotton in germination period based on**

subordinate function method

Wang Hongbo, Fu Yuanyuan, Yang Hongji, Sun Wenjun, Gao Yang, Wang Xingpeng

(404) **Effect of embedded depth of drip irrigation belt on the yield of cotton without plastic mulching**

Duan Jiahong, Li Nannan, Wang Jun, Li Junhong, Hao Xianzhe, Luo Honghai, Yang Guozheng

• RESEARCH NOTES •

(412) **Development and application of specific molecular markers for *L-D* alleles in upland cotton**

Jiang Hui, Zheng Jinxiu, Wang Yongcui, Zhang Chao, Wang Xiuli, Chen Ying, Gao Mingwei, Wang Jiabao, Chai Qichao,

Zhao Junsheng

(422) **Effects of restructuring soil layers on soil nutrients, microbial quantities and enzyme activities in cotton field**

Wang Yan, Zhang Qian, Wang Shulin, Han Shuo, Feng Guoyi, Dong Ming, Qian Yuyuan, Qi Hong