

棉花学报

Mianhua Xuebao
Cotton Science

ISSN 1002-7807

CN 41-1163/S

2010年,第22卷,第6期,11月15日

目次

·研究与进展·

- (515) 棉花纤维特异转录因子 *GhMADS9* 的克隆及功能初步分析 庞朝友,秦咏梅,喻树迅
- (521) 利用置换系检测棉花第22染色体短臂的产量相关性状 QTLs 姚金波,张永山,陈伟,等
- (527) 陆地棉黄萎病抗性的分子标记辅助选择效果 孔祥瑞,王红梅,陈伟,等
- (533) 陆地棉高品质品系纤维品质性状 QTL 的分子标记及定位 王义青,李俊文,石玉真,等
- (539) 棉酚降解菌株的分离、筛选及鉴定 杨霞,翁晓燕,郭建林,等
- (547) 不同温度下外施 6-BA 和 ABA 对棉花 (*Gossypium hirsutum* L.) 产量和纤维品质的影响
..... 赵新华,刘佳杰,王友华,等
- (554) 棉花植株水分含量的高光谱监测模型研究 苏毅,王克如,李少昆,等
- (561) 基于模型和 GIS 的棉铃品质地域分异评价系统 王飞飞,陈兵林,周治国,等
- (568) 荒漠绿洲区棉花幼苗耐寒生理特性及其评价指标分析 李志博,曹连莆,魏亦农,等
- (574) 氮素水平对杂交棉生物量积累、氮素吸收及产量的影响 刘涛,魏亦农,雷雨,等
- (580) 铃期温度对不同棉花品种棉铃发育过程及纤维比强度的影响 高云光,饶翠婷,贺海燕,等
- (586) 大丽轮枝菌致萎毒力指示菌的筛选及拮抗作用初探 王世英,姜军坡,李术娜,等
- (591) 金龟子绿僵菌对棉花枯萎病菌的拮抗作用研究 齐永霞,陈方新,李增智
- (597) 棕色棉纤维四种类黄酮化合物 HPLC 测定方法的研究 田新惠,李艳军,张新宇,等
- (603) 新疆自育陆地棉品种遗传多样性研究 艾先涛,李雪源,沙红,等
- (611) 行距对棉花生长发育、产量及早熟性指数影响的研究
..... ANJUM Shakeel Ahmad, SALEEM Muhammad Farrukh, 王龙昌,等

·专题与述评·

- (617) RNA 干扰及其对昆虫抗药性相关基因的沉默研究 唐涛,刘雪源,邱立红
- (625) 从近十年国家科技奖看棉花科研进展 庞念厂,赵新华,宋国立,等

·研究简报·

- (630) 细胞质雄性不育棉花种间杂种的光合和花药生理特征 张小全,朱伟,蒋培东,等
- (634) 长江下游棉区抗虫杂交棉适宜密度研究 刘瑞显,史伟,徐立华,等
- (624) 告示:中国棉花杂志社建成稿件网络处理系统
- (639) 2010年第22卷《棉花学报》总目次

棉花学报

Mianhua Xuebao

Cotton Science

ISSN 1002-7807

CN 41-1163/S

2010, Vol. 22, No. 6, November 15

Contents

•RESEARCH REPORTS•

- (515) Cloning and Characterization of a Cotton Fiber Specific Gene Encoding Transcription Factor *GhMADS9*
..... PANG Chao-you, QIN Yong-mei, YU Shu-Xun
- (521) Tagging QTLs of Yield-related Traits in Chromosome 22sh of Allotetraploid Cotton Using Substitution Line
..... YAO Jin-bo, ZHANG Yong-shan, CHEN Wei, et al
- (527) Effect of Molecular Marker Assisted Selection to *Verticillium* Wilt Resistance in Upland Cotton Breeding
..... KONG Xiang-rui, WANG Hong-mei, CHEN Wei, et al
- (533) Molecular Marker of QTL for Fiber Quality Traits in Upland Cotton with Elite Fiber Quality
..... WANG Yi-qing, LI Jun-wen, SHI Yu-zhen,
- (539) Screening and Identification of *Gossypol*-degraded Strains Isolated from a Soil Microcosm
..... YANG Xia, WENG Xiao-yan, GUO Jian-lin, et al
- (547) Effect of 6-BA and ABA on Cotton (*Gossypium hirsutum* L.) Yield and Fiber Quality under Different Temperature Conditions
..... ZHAO Xin-hua, LIU Jia-Jie, WANG You-Hua, et al
- (554) Monitoring Models of the Plant Water Content Based on Cotton Canopy Hyperspectral Reflectance
..... SU Yi, WANG Ke-ru, LI Shao-kun, XIAO Hua, et al
- (561) Cotton Boll Quality Regional Distribution and Appraisal System Based on Model and GIS
..... WANG Fei-fei, CHEN Bing-lin, ZHOU Zhi-guo, et al
- (568) Analysis of Physiological Characteristics and Evaluation Indexes of Cold-tolerance in Cotton Seedlings of Desert-Oasis Region
..... LI Zhi-bo, CAO Lian-pu, WEI Yi-nong, et al
- (574) Effect of Nitrogen Applied Levels on Biomass Accumulation, Nitrogen Uptake and Yield in Hybrid Cotton Plant
..... LIU Tao, WEI Yi-nong, LEI Yu
- (580) Regulation Effect of Temperature on the Boll Dates for Boll Development and Fibre Strength
..... GAO Yun-guang, RAO Cui-ting, HE Hai-yan
- (586) Preliminary Study on Screening and Antagonistic Mechanism of Indicator Microbe for Wilting Toxin from *Verticillium dahliae*
..... WANG Shi-ying, JIANG Jun-po, LI Shu-na, et al
- (591) Inhibitory Mechanisms of *Metarhizium Anisopliae* Against the Pathogens of Fusarium Wilt of Cotton
..... QI Yong-xia, CHEN Fang-xin, LI Zeng-zhi
- (597) HPLC Determination of Myricetin, Quercetin, Naringenin, and Kaempferol in the Natural Brown Cotton Fiber
..... Tian Xin-hui, Li Yan-jun, Zhang Xin-yu, et al
- (603) Diversity in Upland Cotton Varieties of South Xinjiang
..... AI Xian-tao, LI Xue-yuan, SHA Hong, et al
- (611) Growth, Lint Yield and Earliness Index of Cotton (*Gossypium hirsutum* L.) Cultivars under Varying Row Spacing
..... ANJUM Shakeel Ahmad, SALEEM Muhammad Farrukh, WANG Long-chang, et al

•REVIEW & INTERPRETATION•

- (617) RNA Interference and Its Applications on Silencing of Insecticide-Resistant Genes in Insects
..... TANG Tao, LIU Xue-yuan, QIU Li-hong
- (625) Advances of Cotton Research from National Science & Technology Awards Over the Past 10 Years
..... PANG Nian-chang, ZHAO Xin-hua, SONG Guo-li, et al

•RESEARCH NOTES•

- (630) The Photosynthetic and Anthers Physiological Characters of Interspecific Hybrid Cotton Based on Cytoplasmic Male-sterility System
..... ZHANG Xiao-quan, ZHU Wei, JIANG Pei-dong, et al
- (634) Planting Density of Insect-resistant Hybrid Cotton in Lower Reaches of Yangtze River Valley
..... LIU Rui-xian, SHI Wei, XU Li-hua, et al