

中国核心期刊（遴选）数据库收录期刊
中国学术期刊影响因子年报统计源期刊
日本科学技术振兴机构数据库(JST)检索刊源

ISSN 1007 - 2624
CN 23 - 1406/S

中国糖料

SUGAR CROPS OF CHINA

第45卷 第3期
Vol.45 No.3

2023



中国糖料

ZHONGGUO TANGLIAO

2023 年,第 45 卷,第 3 期

主办单位:黑龙江大学

协办单位:云南省农业科学院甘蔗研究所
中国作物学会甜菜专业委员会

目次

遗传育种·生物技术

基于分子标记技术和表型相结合的甜菜高效育种技术 陈姝源,彭菲,邳植,李胜男,吴则东(1)

美国甘蔗亲本在国内甘蔗高糖育种上的应用分析 魏乙斌,许誉芝,张木清(7)

可变剪接在糖料作物上的研究进展 徐悦,申子萌,王希,赵春雷(21)

耕作栽培·生理生化

甜菜内生真菌分离鉴定与抗菌活性研究 杨宇新,许可,卫蔚,林洁(27)

钙基腐殖酸型改良剂施用量对盐碱地甜菜产质量的影响
..... 韩康,黄春燕,苏文斌,郭晓霞,李智,田露,管彩媛,张鹏,孔德娟,王珍珍,任慧敏(35)

保水剂及其在甘蔗抗旱栽培中的研究进展
..... 罗晟昇,何洪良,黎正英,廖韦卫,韦海球,唐利球,李海碧(42)

土壤肥料·植物保护

贮藏期甜菜细菌性根腐病原分离与鉴定
..... 祁厚辰,董轩瑜,林柏森,何梦君,张宗英,韩成贵,王颖(49)

藻类活性细胞生物肥对甘蔗产量和品质的影响 朱瑜,谭俊杰,黄金生,梁闾,杨尚东,谭宏伟(55)

不同浓度维生素 B₁ 对甜菜种子引发的影响 程梓祺,兴旺,刘大丽,王茂芊(60)

国内外甘蔗施肥技术研究进展 王禹童,李如丹,杨绍林,艾静,冯璐,刀静梅,邓军(66)

产业发展·种子加工

云南澜沧甘蔗品种改良的成效与建议 李茅苗,吴才文,张风云,任生林,赵俊,邱若楠(76)

甜菜丸粒化种子裂解及抗压特性的研究 张必周,郑文哲,张惠忠,张辉,孙梦媛,付增娟,
赵尚敏,鄂圆圆,张自强,王良,马永梅,白晨,李晓东(83)

Sugar Crops of China
2023, Vol. 45, No. 3

Sponsoring Unit: Heilongjiang University
Co-organizer: Sugarcane Institute of Yunnan Academy of Agricultural Sciences
Sugar Beet Professional Committee of the Crop Science Society of China

Contents

Genetic Breeding & Biotechnology

Efficient Breeding Technology for Sugar Beet Based on the Combination of Molecular Marker Technology and Phenotype

..... Chen Shuyuan, PENG Fei, PI Zhi, LI Shengnan, WU Zedong(1)

Application Analysis of American Sugarcane Varieties in Domestic Sugarcane Breeding for High Sugar Content

..... WEI Yibin, XU Yuzhi, ZHANG Muqing(7)

Research Progress on Alternative Splicing in Sugar Crops

..... XU Yue, SHEN Zimeng, WANG Xi, ZHAO Chunlei(21)

Tillage and Cultivation & Physiology and Biochemistry

Isolation, Identification and Antibacterial Activity of Endophytic Fungi from *Beta vulgaris* L.

..... YANG Yuxin, XU Ke, WEI Wei, LIN Jie(27)

Effect of Application Amount of Calcium-based Humic Acid Improver on Yield and Quality of Sugar Beet in Saline-alkali Soil

..... HAN Kang, HUANG Chunyan, SU Wenbin, GUO Xiaoxia, LI Zhi, TIAN Lu, et al(35)

Water Retention Agent and Their Research Progress in Cultivation for Drought Tolerance in Sugarcane Drought Resistance Cultivate

..... LUO Shengsheng, HE Hongliang, LI Zhengying, LIAO Weiwei, WEI Haiqiu, et al(42)

Soil Fertilizer & Plant Protection

Isolation and Identification of the Pathogen Causing Beet Bacterial Root Rot during Storage Period

..... QI Houchen, DONG Xuanyu, LIN Baisen, HE Mengjun, ZHANG Zongying, et al(49)

Effect of Algae Active Cell Bio-fertilizer on Sugarcane Yield and Quality

..... Zhu Yu, Tan Junjie, Huang Jinsheng, Liang Tian, Yang Shangdong, Tan Hongwei(55)

Effects of Different Concentrations of Vitamin B1 on Seed Priming in Sugar Beet

..... CHENG Ziqi, XING Wang, LIU Dali, WANG Maoqian(60)

Research Progress of Sugarcane Fertilization Technology at Home and Abroad

..... WANG Yutong, LI Rudan, YANG Shaolin, AI Jing, FENG Lu, DAO Jingmei, DENG Jun(66)

Industry Development & Seed Processing

Effects and Suggestions on Improving Sugarcane Varieties in Lancang County, Yunnan

..... Li Maomiao, Wu Caiwen, Zhang Fengyun, Ren Shenglin, Zhao Jun, Qiu Ruonan(76)

Study on Disintegration and Compressive Strength of Pelleted Sugar Beet Seeds

..... ZHANG Bizhou, ZHENG Wenzhe, ZHANG Huizhong, ZHANG Hui, SUN Mengyuan, et al(83)