

ISSN 1007-2624  
CN 23-1406/S

# 中国糖料

SUGAR CROPS OF CHINA

- 中国科技核心期刊
- 中国期刊网、中国学术期刊(光盘版)全文收录期刊
- 万方数据(Chinainfo)系统科技期刊群网上期刊
- 《中国学术期刊综合评价数据库(CAJCED)》统计源期刊
- 《中文科技期刊数据库》(维普网)收录期刊
- 首届《CAJ-CD规范》执行优秀期刊

2  
**2012**

中国农业科学院甜菜研究所 主办

目 次

试验研究

丰产高糖抗倒甘蔗新品种桂糖37选育研究

- ..... 邓展云, 刻海斌, 方锦华, 张革民, 李福瑞, 何红, 刻晓静, 徐林, 闻少玲, 李鸣, 王泽平, 布金菊, 唐红翠(1)  
不同种衣剂对甜菜早期农艺性状及产质量的影响 ..... 高卫时, 张立明, 董心久, 李翠芳, 崔玲, 蒋忠春, 王蓝飞(4)  
甜高粱主要农艺性状的主成分分析 ..... 王黎明, 韩少立, 姜艳喜, 严洪冬, 苏德峰, 郭广金(7)  
甘蔗近缘属斑茅组织培养高频再生体系的建立 ..... 吴鹤娟, 刻家勇, 陆鑫, 张敏, 林秀琴, 赵培方, 吴才文(9)  
SRAP对东北区骨干甜菜单胚品系的遗传多样性分析 ..... 李博, 王茂华, 王华忠(11)  
2008—2009年广西合浦甘蔗品种区试结果分析 ..... 唐宗明(15)  
国家第六轮甘蔗品种区试云南瑞丽点 DTOPSIS 法综合评价  
..... 周清明, 潘联安, 杨亨和, 黄立华, 安治东, 魏彦景, 朱连荣, 钟艳琴(18)  
甜菜新品种 SR-411 引种试验 ..... 张永华, 孙悟臣, 边林, 范量华, 闻文亮, 荣占华(21)  
几种新农药防治甘蔗害虫效果 ..... 薛晶, 何文志, 黄启昆, 罗志明(23)  
甜菜大茎双行覆膜品种对比试验 ..... 郭成豆, 张微兰, 郭春(25)  
噻虫嗪在甘蔗叶部害虫防治中的应用 ..... 杨世常, 康宁, 范新亮, 蒋乔仙, 陈寿宏, 夏银果, 许三伟, 张永康(27)  
国外引进甘蔗品种比较试验初报 ..... 李复琴, 赵俊, 吴才文, 赵培方, 刻家勇(30)  
变应传感器在甜菜根茎测定中的应用 ..... 张茂明(33)  
甘蔗微喷节水灌溉试验初报 ..... 李俊, 杨洪昌(35)  
异丙特丁硫磷颗粒剂防治甘蔗害虫 ..... 谢瑞华, 罗志明, 严烟, 黄启昆(37)  
国外引进甘蔗品种同异分析法评价 ..... 赵俊, 吴才文, 刻家勇, 李俊, 赵培方, 夏红明, 杨昆(39)  
甜菜质核互作单粒异型保持系的利用 ..... 胡华兵, 王雅威(41)  
杜邦福星防治甜菜褐斑病田间药效试验 ..... 陈拴彪, 潘建廷, 詹展光, 包晓明, 赵晋富(43)  
甜菜安·宁等除草剂防除甜菜田杂草试验 ..... 詹展光, 陈拴彪, 胡利荣, 赵晋富(45)  
枯草芽孢杆菌防治甜菜褐斑病田间试验 ..... 于生(47)

调查研究

- 甘蔗生理发育时间及生育期预测 ..... 钟楚, 周日, 徐梦莹(49)  
甘蔗叶焦病发生危害特点及防控对策 ..... 单红丽, 李文凤, 黄启昆, 王晓燕, 张荣跃(52)  
甜菊全生育期含甙量变化调查 ..... 朱娟, 肖晖, 刻繁桂(55)

实用技术

- 甜菜优质高产综合配套栽培技术 ..... 刻建文, 陈慧, 张建新(57)  
甘蔗新品种闽糖86-2121在漳州蔗区表现及高产栽培技术 ..... 柯月华(60)  
甘蔗品种“粤糖55号”的离体快速繁殖 ..... 何海旺, 许春莲, 李文, 李剑珍, 布基清, 何龙飞(63)

综 述

- 东北区发生的3种甜菜害虫的特征特性与防治 ..... 韩英, 吴则东(66)

综合利用

- 天然甜味剂甜菊糖甙的质量标准研究 ..... 钟彦立, 华君, 春峰(69)  
甜菊品种不同部位甙含量及主要甜味成分差异试验 ..... 朱娟, 肖晖, 刻繁桂(73)

问题与探讨

- 我国甘蔗抗旱栽培研究现状分析 ..... 金兴华, 杨清辉(75)  
广西甘蔗育种研究方向之浅见 ..... 王泽平, 郭耀兴, 徐林, 刻晓静, 钱洁, 刻海斌(78)  
2012年甜菜黑绒金龟子的防治对策与建议 ..... 周兴武, 丁广洲(81)

其 它

- 《中国糖料》编辑部启事(8) 欢迎订阅《中国糖料》(46) 黑龙江垦区建边农场第二管理区500hm<sup>2</sup>甜菜育苗早准备(48)  
本刊加入“万方、维普数据数字化期刊群”的声明(65) 2011年国家甜菜品种区试年会会议简讯(68)

# SUGAR CROPS OF CHINA

## NO.2 2012 (Total NO.132)

### CONTENTS

#### EXPERIMENT & RESEARCH

Breeding of New High Yield Sugarcane Variety GT 37 with Sugar Content and Lodging Resistance .....	DENG Zhan-yun <i>et al</i> (1)
Effect of Several Seed Coating Agent on Yield and Quality of Sugarbeet at Early Stage .....	CAO Wei-shi <i>et al</i> (4)
Main Component Analysis of Agronomic Traits of Sweet Sorghum .....	WANG Li-ming <i>et al</i> (7)
Establishing High Frequency Regeneration System of Related Genera of Saccharum ( <i>Erianthus arundinaceus</i> ) .....	WU Zhuan-di <i>et al</i> (9)
Genetic Diversity Analysis of Sugarbeet Monogerm Genotypes in the Northeast Region by SRAP Molecule Marker .....	LI Bo <i>et al</i> (11)
Preliminary Study on Guangxi Sugarcane Variety Regional Test in Hepu Site .....	TANG Zong-ming (15)
DTOPSIS Evaluation on the Sixth National Sugarcane Varieties Trial in Ruili of Yunnan .....	ZHOU Qing-ming <i>et al</i> (18)
Introduction Experiment of Sugarbeet Variety SR-411 .....	ZHANG Rong-hua <i>et al</i> (21)
Control Effect of New Pesticides on Sugarcane Insect Pests .....	XUE Jing <i>et al</i> (23)
Comparative Experiment of Planting Two Wide Row Sugarbeet with Film-cover .....	SUN Cheng-li <i>et al</i> (25)
Application of Thiamethoxam to Control Sugarcane Leaf Pest .....	YANG Shi-chang <i>et al</i> (27)
A Preliminary Report on Comparative Experiment of Introduced Sugarcane Varieties .....	LI Fu-qin <i>et al</i> (30)
Determination of Sugarbeet Root Growth by Variable Sensor .....	ZHANG Mao-ming (33)
Preliminary Report of Sugarcane Micro-irrigation Test .....	LI Jun <i>et al</i> (35)
Isopropyl Terbufos CR for Control of Sugarcane Pests .....	LUO Rui-hua <i>et al</i> (37)
Evaluation of Similarity-difference Analysis for Overseas Sugarcane Varieties .....	ZHAO Jun <i>et al</i> (39)
Utilization of Monogerm Heteromorphosis Maintainer Line of Nucleo-cytoplasmic Interaction Sugarbeet .....	HU Hua-bing <i>et al</i> (41)
Effect of Flusilazole on Beet Leaf Spot in Field .....	CHEN Shuan-biao <i>et al</i> (43)
Test of Herbicide Desmedipham and Phenmedipham on Control Beet Weed .....	JIAN Chen-guang <i>et al</i> (45)
Field Test of Control Beet Leaf Spot by <i>Bacillus Subtilis</i> .....	YU Sheng (47)

#### INVESTIGATION

Forecasting Growth and Development Stage of Sugarcane Based on Physiological Development Time .....	ZHONG Chu <i>et al</i> (49)
The Damaging Characteristics of Sugarcane Leaf Scorch and its Control Strategies .....	SHAN Hong-li <i>et al</i> (52)
Glycosides Content Change during the Whole Growing period of Stevia .....	ZHU Juan <i>et al</i> (55)

#### PROCTICAL TECHNIQUES

Integrated Sugarbeet Cultivation Techniques of High Quality and Yield .....	LIU Jian-wen <i>et al</i> (57)
High-yield Cultivation Technique of Planting Sugarcane Mintang 86-2121 in Zhangzhou .....	KE Yue-hua (60)
Rapid Micropropagation of Sugarcane ( <i>Saccharum officinarum</i> L.) Variety YT55 .....	HE Hai-wang <i>et al</i> (63)

#### COMPREHENSIVE REVIEWS

Characteristics and Control on Three Beet Pests in the Northeast Area .....	HAN Ying <i>et al</i> (66)
---	----------------------------

#### COMPREHENSIVE UTILIZATIONS

Study on Quality Standard of Natural Sweetener Steviol Glycosides .....	KOU Yan-jie <i>et al</i> (69)
RA and TSG Content in Differing Stem Plant of Different Stevia Varieties .....	ZHU Juan <i>et al</i> (73)

#### ISSUES & DISCUSSION

Analysis on Present Research of Sugarcane Drought Resistance in China .....	YU Xing-hua <i>et al</i> (75)
View of Sugarcane Breeding Research Direction in Guangxi .....	WANG Ze-ping <i>et al</i> (78)
Suggestion and Control Measures to <i>Scirca orientalis</i> Motschulsky on Sugarbeet in 2012 .....	ZHOU Xing-wu <i>et al</i> (81)