

目 录

作物遗传育种·生物技术

- 297 粳稻为背景的普通野生稻单片段代换系群体的初步构建
- 303 广西和广东优质常规稻的 SSR 遗传多样性分析
- 307 木薯新品种新选 048 离体微扦插快速繁殖技术
- 310 “台农 17 号”菠萝组培快繁技术研究

- 宋建东,黄悦悦,阳海宁,郑加兴,
马增凤,刘 驰,黄大辉,张月雄,
李孝琼,黄金艳,李容柏
- 刘希兰,陈传华,刘广林,陈远孟
- 何海旺,何龙飞,莫 克,李创珍
- 张 璇,刘业强,苏伟强

耕作栽培·生理生化

- 313 高、低糖甘蔗品种叶片转化酶活性与蔗糖代谢关系研究(英文)
- 319 杀真菌剂对丛枝菌根烟苗生长及抗性的影响
- 323 套种木薯对花生品种桂花 30 光合特性和农艺性状的影响
- 326 霜冻天气对桂中地区主栽甘蔗品种生长及蔗糖分的影响
- 329 超级杂交稻 Y 两优 1 号高产栽培技术规程

- Ashok K. Verma, S. Solomon,
Praveen C. Verma, Ashok Singh,
S.B. Singh
- 谢 莉,韦业旺,蔡 敏,黄建国
- 韦威旭
- 谭宏伟,李杨瑞,周柳强,谢如林,
- 黄金生,黄美福
- 徐光文,黄治煊

植物保护

- 333 免耕稻田纹枯病越冬菌核量调查方法比较
- 336 30 个芒果品种对芒果切叶象甲雌成虫抗性评价
- 338 惠州市瓜豆类蔬菜有机磷农药残留状况调查
- 341 柑橘炭疽病生物防治研究进展

- 张 晋,唐茂艳,高汉亮,颜 群
- 王令霞,陈业渊,李新国,朱 敏,
卢业凌
- 钟平生,赖 琪
- 汪 茜,胡春锦,柯仿钢,黄思良,
黎起秦

土壤肥料·农业生态环境

- 345 不同控释尿素的氮素释放特性及在甘蔗上的应用研究
- 349 河池市耕地地力等级及中低产田(地)指标评价研究
- 354 红壤不同发育程度对重金属离子 Cu(II)和 Cd(II)吸附的影响

- 王 磊,周柳强,谢如林,黄金生,
黄美福,董文斌,李伏生,谭宏伟
- 蒋 瑜,许 涛,苏仕龙,周 莉,
唐丽和,李晓爱
- 钟 凯,李 航,徐仁扣,赵安珍,
姜 军

园艺·贮藏·保鲜·加工

- 357 桑叶多糖提取方法的研究进展

- 张桂征,张雨丽,苏红梅,黄玲莉,
蒙艺英,闭立辉

360 元江县磨房河水库库区植被恢复研究

李江

363 小型米刀式喷风碾米机改型加工玉米糝试验

周剑新, 蒲海燕, 谢洁, 张斌

畜牧·兽医·水产·蚕桑

366 SYBR Green I 实时荧光定量 PT-PCR 检测禽呼肠孤病毒
δC 和 δNS 基因方法的建立

熊文婕, 谢芝勋, 唐熠, 谢丽基,
刘加波, 庞耀姗, 邓显文, 谢志勤

371 罗非鱼感染链球菌后 hsp70 基因表达研究

王瑞, 黄艳华, 陈明, 梁万文,
黄钧

375 红笛鲷 (*Lutjanus sanguineus*) 性腺发育初步研究

杨春玲, 刘楚吾

380 广西地区猪大肠杆菌血清型调查及耐药性检测

谢永平, 杨威, 陈泽祥, 许力干,
禚雄标, 胡帅, 李素兰

383 广西猪戊型肝炎血清流行病学调查

秦毅斌, 赵武, 肖爱欢, 梁家幸,
梁保忠, 何颖, 刘芳, 李斌,

黄伟坚

386 奶牛孕酮酶联免疫检测试剂盒的研制

庞观龙, 何达崇, 温和心

综述·专论

390 广西野生大豆的考察与收集

曾维英, 梁江, 陈渊, 汤复跃,
韦清源

393 水牛骨骼标本的串制工艺新探

李瑞明, 史玉静, 谢莹雪, 黄四通,
宋小白

397 关于举办以东盟国家为主要对象的国际农业科技
培训思考

周行, 毛昌祥, 唐其展, 刘忠

400 略论我国农业开放存取期刊发展策略

李云祥, 陆宇明, 温国泉, 韦燕萍,
孔令孜

CONTENTS

Crop genetic & breeding·biotechnology

- 297 Preliminary development on single segment substitution lines population of common wild rice (*Oryza rufipogon*) based on *Japonica* background
SONG Jian-dong, HUANG Yue-yue, YANG Hei-ning, ZHENG Jia-xing, MA Zeng-feng, LIU Chi, HUANG Da-hui, ZHANG Yue-xiong, LI Xiao-qiong, HUANG Jin-yan, LI Rong-bai
- 303 Genetic diversity analysis of high quality conventional rice varieties grown in Guangxi and Guangdong using SSR markers
LIU Xi-lan, CHEN Chuan-hua, LIU Guang-lin, CHEN Yuan-meng
- 307 Rapid propagation technology for new cassava variety Xinxuan 048 by micro-cuttage *in vitro*
HE Hai-wang, HE Long-fei, MO Ke, LI Chuang-zhen
- 310 Tissue culture and rapid propagation technology for pineapple variety Tainong 17
ZHANG Ying, LIU Ye-qiang, SU Wei-qiang

Tillage & cultivation·physiology & biochemistry

- 313 Relationship between invertase(s) activity and sucrose metabolism in the leaves of high and low sugar cultivars of sugarcane (*Saccharum officinarum* L.)
Ashok K. Verma, S. Solomon, Praveen C. Verma, Ashok Singh, S.B. Singh
- 319 Influences of fungicides on growth and resistance of arbuscular mycorrhizal tobacco seedlings
XIE Li, WEI Ye-wang, CAI Min, HUANG Jianguo
- 323 Effect of intercropping with cassava on some photosynthetic and agronomic characteristics of peanut variety Guihua 30
WEI Wei-xu
- 326 Influences of frosty weather on sucrose content and growth of main sugarcane varieties in the central areas of Guangxi
TAN Hong-wei, LI Yang-rui, ZHOU Liu-qiang, XIE Ru-lin, HUANG Jin-sheng, HUANG Mei-fu
- 329 Researches on high-yield cultivation technique for super hybrid rice Y Liangyou 1
XU Guang-wen, HUANG Zhi-huan

Plant protection

- 333 Comparison of the investigation methods of overwintering sclerotium number of sheath blight in no-tillage paddy field
ZHANG Jin, TANG Mao-yan, GAO Han-liang, YAN Qun
- 336 Evaluation of mango varieties for resistance against female adults of *Deporaus marginatus* Pascoe
WANG Ling-xia, CHEN Ye-yuan, LI Xin-guo, ZHU Min, LU Ye-ling
- 338 Investigation on organophosphorus pesticide residue in fresh melon and legume vegetables in Huizhou
ZHONG Ping-sheng, LAI Qi
- 341 Recent advances on the bio-control of citrus anthracnose
WANG Qian, HU Chun-jin, KE Fang-gang, HUANG Si-liang, LI Qi-qin

Soil & fertilizer·agroecology environment

- 345 N-releasing characteristics of different kinds of controlled-release urea and their effects on the sugarcane
WANG Lei, ZHOU Liu-qiang, XIE Ru-lin, HUANG Jin-sheng, HUANG Mei-fu, DONG Wen-bin, LI Fu-sheng, TAN Hong-wei
- 349 Evaluation on arable land capability grades and indices in fields responsible for low-medium yield in Hechi, Guangxi
JIANG Yu, XU Tao, SU Shi-long, ZHOU Li, TANG Li-he, LI Xiao-ai
- 354 Effects of degree of red soil development on adsorption of Cu(II) and Cd(II)
ZHONG Kai, LI Hang, XU Ren-kou, ZHAO An-zhen, JIANG Jun

Horticulture·storage·fresh-keeping·processing

- 357 Research progress on the technologies for extracting polysaccharide from mulberry leaves
ZHANG Gui-zheng, ZHANG Yu-li, SU Hong-mei, HUANG Ling-li, MENG Yi-ying, BI Li-hui

- 360 Vegetation restoration in Mofanghe reservoir zone of Yuanjiang County
 363 Corn grist processing with modified mini jet-propelled rice mill

LI Jiang
 ZHOU Jian-xin, PU Hai-yan, XIE Jie, ZHANG Bin

Animal science·veterinary science·aquiculture·sericulture

- 366 Detection of avian reovirus δ C and δ NS genes by SYBR Green I relative quantitative RT-PCR assay
 371 Analysis of hsp70 mRNA expression of tilapia infected with streptococcus
 375 Preliminary study on gonad development in *Lutjanus sanguineus*
 380 Investigations on serotypes and antibiotic resistance of swine pathogenic *E. coli* in Guangxi
 383 Investigation of serological epidemiology of swine hepatitis E in Guangxi
 386 Preparation on enzyme linked immunosorbent assay kit for milk cow progesterone

XIONG Wen-jie, XIE Zhi-xun, TANG Yi, XIE Li-ji, LIU Jia-bo, PANG Yao-shan, DENG Xian-wen, XIE Zhi-qin
 WANG Rui, HUANG Yan-hua, CHEN Ming, LIANG Wan-wen, HUANG Jun
 YANG Chun-ling, LIU Chu-wu
 XIE Yong-ping, YANG Wei, CHEN Ze-xiang, XU Li-gan, XUAN Xiong-biao, HU Shuai, LI Su-lan
 QIN Yin-bin, ZHAO Wu, XIAO Ai-huan, LIANG Jia-xing, LIANG Bao-zhong, HE Ying, LIU Fang, LI Bin, HUANG Wei-jian
 PANG Guan-long, HE Da-chong, WEN He-xin

Reviews·Monographs

- 390 Collection and investigation of wild soybean resources in Guangxi
 393 Stringing process of buffalo skeletal specimen
 397 Considerations on ASEAN-oriented international training programs on agricultural science and technology
 400 Development proposals for agricultural open access journals in China

ZENG Wei-ying, LIANG Jiang, CHEN Yuan, TANG Fu-yue, WEI Qing-yuan
 LI Rui-ming, SHI Yu-jing, XIE Ying-xue, HUANG Si-tong, SONG Xiao-bai
 ZHOU Hang, MAO Chang-xiang, TANG Qi-zhan, LIU Zhong
 LI Yun-xiang, LU Yu-ming, WEN Guo-quan, WEI Yan-ping, KONG Ling-zi