



全国中文核心期刊
中国科技核心期刊
中国科学引文数据库来源期刊

ISSN 2095-1191
CODEN NNXAAB

南方农业学报

NANFANG NONGYE XUEBAO

第43卷 第3期 2012年3月

JOURNAL OF SOUTHERN AGRICULTURE

Vol.43 No.3 Mar. 2012

3

2012

广西壮族自治区农业科学院 主办

Sponsored by Guangxi Academy of Agricultural Sciences

南方农业学报

NANFANG NONGYE XUEBAO

第43卷 第3期 2012年3月

目次

作物遗传育种·种质资源·分子生物学

267 甘蓝型油菜 *Ogura* 胞质雄性不育系及恢复系聚类分析

272 云南中低海拔甘蔗细茎野生种遗传力和配合力分析

277 云南布朗族地区作物遗传资源调查

283 两种植物生长调节物质对姜荷花种球繁育的影响

286 6-BA 和 2,4-D 对黄独带芽茎段生长发育的影响

290 转基因大豆检测技术研究进展

罗延青, 俎峰, 周丕才, 张国建,

王敬乔, 董云松

朱建荣, 桃联安, 董立华, 周清明,

杨李和, 安汝东, 经艳芬

蒋会兵, 梁名志, 唐一春, 何青元,

陈红伟, 阿新祥, 耿智德, 陈瑶,

苏火生, 徐福荣, 戴陆园, 王平盛

张翠萍, 仇硕, 赵健, 李秀娟,

全艳斌

洪森荣, 程细云

罗阿东, 焦彦朝, 曹云恒, 王艳,

陈霄

耕作栽培·生理生化

294 不同基因型、环境和收获时间对埃及中上部地区甘蔗产量的影响(英文)

302 漳州水仙矮化机理研究

306 2008~2009年广西甘蔗品种区域试验报告

Abd El-Razek A M, Besheit S Y

郑涛, 潘东明

周会, 雷敬超, 王伦旺, 李翔,

贤武, 梁强, 庞华茗, 杨荣仲,

方锋学

陈文杰, 梁江, 汤复跃, 韦清源,

曾维英, 钟开珍, 陈渊

周灵芝

杨莹, 管敬喜, 谢太理, 文仁德,

黄羽

植物保护·农业气象

322 甲氨基阿维菌素苯甲酸盐与杀虫双对斜纹夜蛾毒力最佳配比筛选

326 广西崇左蔗区白蚁为害情况调查初报

329 不同杀菌剂对蚕豆赤斑病防治效果试验

332 大棚与露地豇豆病虫害发生情况比较

何宁祖, 梁育喆, 黄树生, 曾东强,

谭辉华

潘雪红, 黄诚华, 魏吉利, 商显坤,

王伯辉

顾和平, 陈新, 陈华涛, 崔晓燕,

袁星星, 张红梅

罗丰, 孔祥义, 刘勇, 肖春雷,

许如意, 曹兵

土壤肥料·节水灌溉·农业生态环境

- 336 农家肥不同施用方式对烟草生长及烤烟品质的影响
341 不同配比蚯蚓粪复合肥对桉树生长及土壤性质的影响
345 土壤重金属Cd在木薯中累积特征及产地环境安全临界值

蔡联合,韦建玉,白 森,邓宾玲,
龙晓彤,李玉娥
唐 健,宋贤冲,王会利
韦璐阳,蓝 唯,林 鹰,梁宏合,
李 鸿,甘志勇,陈 强

园艺·园林·林业

- 349 克拉玛依市10万亩减排林区固碳效益估算
353 不同基质菠萝杂交种子发芽育苗试验
356 6种唇柱苣苔属植物叶插繁殖试验
360 梧州低海拔林下三七种植试验
364 云南腾冲烟区不同烤烟品种适应性试验

高明月,宁虎森,杨新成,卢筱莉,
任耀忠,郭 靖
卢塔山,苏伟强,刘业强,任 惠,
陆玉英,陈香玲
周太久,黄仕训,邓 涛,盘 波,
何永艳,丁 莉,唐文秀
姜成厚,林伟国,王金桥,黄海连
范幸龙,周冀衡,陶文芳,肖志新,
陈 初,胡志明

加工·贮藏·农业工程

- 369 ^{60}Co γ 射线辐照对板栗常温贮藏特性的影响
373 贮存时间对卷烟烟气致香成分的影响
376 油茶籽饼多酚丙酮提取工艺研究

王彦祥,李正文,韦继光,吴永平,
黄春风,王殿君,张 健,陶 怡
黄世杰,郭 艳,周 晓,吴晶晶,
林 莉
谢阳姣,谢冬养,何志鹏,应启实,
周晓青,钟德品

畜牧·兽医·水产·蚕桑

- 380 草鱼羧肽酶A4基因部分序列多态性及生长性状关联分析
385 广西眼镜蛇Dmrt基因DM结构域克隆及序列分析
389 广西猪源H9N2亚型流感病毒全基因组序列分析
393 广西合浦水库网箱养殖容量研究

曹婷婷,刘小献,白俊杰,于凌云
赵子贵,杨秀荣,郭亚芬,兰干球,
蒋钦杨,蒋和生
伍和明,韦达有,易春华,徐贤坤,
何奇松,孙翔翔,蒋家霞,付 薇,
熊 毅
孔力兵,肖俊军,雷建军,张益峰

专论·农业信息技术·农业经济

- 397 湘西州城乡收入现状与减贫对策研究
402 绿肥对茶园生态系统的影响及其发展对策

刘 芳,蔡清俭
王 峰,吴志丹,江福英,张文锦,
尤志明

JOURNAL OF SOUTHERN AGRICULTURE

Vo1. 43 No.3, 2012

CONTENTS

Crop genetics & breeding · germplasm resources · biotechnology

- 267 Cluster analysis of the *Ogura* male sterile lines and fertility restorer lines in *Brassica napus* using SSR markers LUO Yan-qing, ZU Feng, ZHOU Pi-cai, ZHANG Guo-jian, WANG Jing-qiao, DONG Yun-song
- 272 Analysis of combining ability and heritability of *Saccharum spontaneum* L. collected from low and middle altitude areas of Yunnan Province ZHU Jian-rong, TAO Lian-an, DONG Li-hua, ZHOU Qing-ming, YANG Li-he, AN Ru-dong, JING Yan-fen
- 277 Investigations on crop genetic resources in Bulang nationality zone of Yunnan JIANG Hui-bing, LIANG Ming-zhi, TANG Yi-chun, HE Qing-yuan, CHEN Hong-wei, A Xin-xiang, GENG Zhi-de, CHEN Yao, SU Huo-sheng, XU Fu-rong, DAI Lu-yuan, WANG Ping-sheng
- 283 Effects of two kinds of plant growth regulator on propagation of *Curcuma alismatifolia* bulbs ZHANG Cui-ping, QIU Shuo, ZHAO Jian, LI Xiu-juan, QUAN Yan-bin
- 286 Effects of 6-BA and 2,4-D on growth and development of *Dioscorea bulbifera* L. budded stems HONG Sen-rong, CHENG Xi-yun
- 290 Progresses in detection technologies for transgenic soybean LUO A-dong, JIAO Yan-chao, CAO Yun-heng, WANG Yan, CHEN Xiao

Farming · physiology & biochemistry

- 294 Effect of genotype, environment and time of harvest on sugarcane yields at middle and upper Egypt Abd El-Razek A M, Besheit S Y
- 302 Dwarfing mechanism of *Narcissus tazetta* L. var. *chinensis* Roem treated with PP333 ZHENG Tao, PAN Dong-ming
- 306 Preliminary report on regional trial for sugarcane varieties in 2008-2009 in Guangxi ZHOU Hui, LEI Jing-chao, WANG Lun-wang, LI Xiang, XIAN Wu, LIANG Qiang, PANG Hua-ju, YANG Rong-zhong, FANG Feng-xue
- 311 Preliminary report on screening of spring soybean varieties suitable for different intercropping modes with sugarcane CHEN Wen-jie, LIANG Jiang, TANG Fu-yue, WEI Qing-yuan, ZENG Wei-ying, ZHONG Kai-zhen, CHEN Yuan
- 315 Optimizing suitable planting density for three different plant types of fresh edible waxy corn ZHOU Ling-zhi
- 318 Determination of *trans*-resveratrol and its glucoside content in pulp of five grape varieties in Guangxi using HPLC YANG Ying, GUAN Jing-xi, XIE Tai-li, WEN Ren-de, HUANG Yu

Plant protection · agrometeorology

- 322 Screening of optimum ratios of emamectin benzoate and bisultap for controlling *Spodoptera litura* HE Ning-zu, LIANG Yu-zhe, HUANG Shu-sheng, ZENG Dong-qiang, TAN Hui-hua
- 326 Preliminary investigation report on sugarcane damages caused by termite in Chongzuo City of Guangxi PAN Xue-hong, HUANG Cheng-hua, WEI Ji-li, SHANG Xian-kun, WANG Bo-hui
- 329 Controlling effects of different fungicides on faba bean chocolate spot (*Botrytis fabae*) GU He-ping, CHEN Xin, CHEN Hua-tao, CUI Xiao-yan, YUAN Xing-xing, ZHANG Hong-mei
- 332 Comparison of disease situation and insect-pests incidences in cowpea plantations in greenhouse and open field LUO Feng, KONG Xiang-yi, LIU Yong, XIAO Chun-lei, XU Ru-yi, CAO Bing

Soil & fertilizer · water saving irrigation · agroecology environment

- 336 Effect of farmyard manure application methods on the growth and quality of flue-cured tobacco CAI Lian-he, WEI Jian-yu, BAI Sen, DENG Bin-ling, LONG Xiao-tong, LI Yu-e
- 341 Effect of worm-cast compound based fertilizer on soil properties and *Eucalyptus* growth TANG Jian, SONG Xian-chong, WANG Hui-li

- 345 Cd accumulation characteristics of cassava and its safe critical value in soil
WEI Lu-yang, LAN Wei, LIN Ying, LIANG Hong-he, LI Hong, GAN Zhi-yong, CHEN Qiang

Horticulture·landscape architecture·forestry

- 349 Estimations of carbon fixation benefits from 100 thousand mu (6667 ha) emission reduction forest in Karamay City
GAO Ming-yue, NING Hu-sen, YANG Xin-cheng, LU Xiao-li, REN Yao-zhong, GUO Jing
- 353 Experiments on pineapple hybrid seeds germination and seedling production in different media
LU Ta-shan, SU Wei-qiang, LIU Ye-qiang, REN Hui, LU Yu-ying, CHEN Xiang-ling
- 356 Propagation of six *Chirita* species via leaf cuttings
ZHOU Tai-jiu, HUANG Shi-xun, DENG Tao, PAN Bo, HE Yong-yan, DING Li, TANG Wen-xiu
- 360 Experiment on planting *Panax notoginseng* (Burk.) F.H.Chen in low elevation forests of Wuzhou
JIANG Cheng-hou, LIN Wei-guo, WANG Jin-qiao, HUANG Hai-lian
- 364 Adaptability of different flue-cured tobacco varieties in Tengchong tobacco-growing areas of Yunnan
FAN Xing-long, ZHOU Ji-heng, TAO Wen-fang, XIAO Zhi-xin, CHENG Chu, HU Zhi-ming

Processing·storage·agricultural engineering

- 369 Effect of ^{60}Co γ ray irradiation on storage traits of Chinese chestnut (*Castanea mollissima* Blume)
WANG Yan-xiang, LI Zheng-wen, WEI Ji-guang, WU Yong-ping, HUANG Chun-feng, WANG Dian-jun, ZHANG Jian, TAO Yi
- 373 Effect of storage duration on aroma components of cigarette smoke
HUANG Shi-jie, GUO Yan, ZHOU Xiao, WU Jing-jing, LIN-Li
- 376 Extraction of polyphenols from oil-tea (*Camellia oleifera* L.) seed cake using acetone solvent
XIE Yang-jiao, XIE Dong-yang, HE Zhi-peng, YING Qi-shi, ZHOU Xiao-qing, ZHONG De-pin

Animal science·veterinary science·aquiculture·sericulture

- 380 Polymorphism amongst several CPA4 gene sequences and correlation analysis of growth traits in grass carp
CAO Ting-ting, LIU Xiao-xian, BAI Jun-jie, YU Ling-yun
- 385 Cloning and sequence analysis of DM domain of Dmrt gene in Guangxi *Naja naja atra*
ZHAO Zi-gui, YANG Xiu-rong, GUO Ya-fen, LAN Gan-qiu, JIANG Qin-yang, JIANG He-sheng
- 389 Complete genome sequence analysis of H9N2 subtype influenza virus from swine in Guangxi
WU He-ming, WEI Da-you, YI Chun-hua, XU Xian-kun, HE Qi-song, SUN Xiang-xiang, JIANG Jia-xia, FU Wei, XIONG Yi
- 393 Cage-culture capacity of Hepu reservoir(Guangxi)
KONG Li-bing, XIAO Jun-jun, LEI Jian-jun, ZHANG Yi-feng

Monographs·agricultural information technology·agriculture economics

- 397 Income status of urban and rural areas and poverty-alleviation strategies in Xiangxi State
LIU Fang, CAI Qing-jian
- 402 Influence of green manure on ecosystem of tea gardens and strategies for its development
WANG Feng, WU Zhi-dang, JANG Fu-ying, ZHANG Wen-jin, YOU Zhi-ming