

目 录

作物遗传育种·生物技术

463 甘蔗叶绿体分离及其蛋白质提取方法研究

孙 富,黄巧玲,黄 杏,张保青,
陈明辉,杨丽涛,李杨瑞

468 番木瓜幼叶原生质体分离研究

唐文忠,陆国昆,廖 芬,黄茂康,
黄伟雄,黄僚才

471 木薯良种 GR891 组织培养与快速繁殖技术

何承光

475 杂交水稻抗性育种策略探讨

陈彩虹,粟学俊,梁曼玲

耕作栽培·生理生化

479 EMS 诱变对小麦淀粉理化特性的影响

张贞彩,戴 双,程敦公,彭 芹,
邢永秀,宋健民

483 欧李果实中矿质元素、干物质和水分的分配及其相关性

马建军,任艳军,杜 彬,于凤鸣,
张立彬,肖 啸

488 油菜素内酯对苦瓜幼苗抗冷性的影响

黄玉辉,罗海玲,陈小凤

492 1980-2007 年南宁蔗区甘蔗气象产量变化及影响因子分析

古 丽,黄智刚,李文宝,刘永贤

496 不同种植密度、施氮量及栽培方式对玉米品种桂糯 518 产
质量的影响

时成俏,王兵伟,黄安霞,覃永媛,
覃嘉明

植物保护

500 药物浸种处理防治西瓜嫁接苗细菌性果斑病试验

何 毅,韦志扬,李文信,覃斯华
黄金艳,洪日新,李天艳

505 广西桑树品种资源材料对赤锈病的抗性鉴定

郭堂勋,莫贱友,胡风云,李焜华
黄穗萍

509 广西北部蔗区甘蔗黄叶病调查

颜梅新,黄伟华,黄诚华

512 永福县水稻两迁害虫发生发展的气象条件分析

唐基友

土壤肥料·农业生态环境

515 有机肥、硫磺和木质素铁对碱性土壤上桑树生长和铁素营养
的影响

王腾飞,张超兰,龙光霞,黎晓峰

518 施氮量和栽培密度对超高产早稻 Y 两优 302 产量及其构成
因素的影响

赵荣德

521 不同施氮量对新两优 6 号产量因子的影响

李小霞,覃凯旋,沈峰杰,罗同平,
陈桂兰,覃瑞德,向花香,黄 斌

524 全氟辛酸磺酸污染研究进展

谢 涛,韦丽丽

园艺·贮藏·保鲜·加工

528 豆渣微波热风联合干燥特性研究

张平安,张建威,宋连军,赵秋艳

531 南宁市常见行道树大王椰子和扁桃的生态效应研究

李晓征,黄月明,黄建波,杨 青

535 套袋对热带亚热带果树果实品质影响效应研究进展

肖 靖

畜牧·兽医·水产·蚕桑

539 广西野鸟 H9N2 亚型流感病毒的分离与鉴定

黄胜斌,蒋家霞,何奇松,付 薇,

孙翔翔,马 琳,熊 毅

544 猪链球菌 2 型广西分离株毒力基因表型分析

胡 帅,李 军,朱娟娟,陈泽祥,

禚雄标,何彩美,谢永平,杨 威,

许力干,赵 武,曾 芸

548 广西桑蚕原种净种率的时间序列分析

田智得,黄红燕,甘丽红,蒋玉莲

552 大规格罗非鱼种池塘围栏越冬技术

郭忠宝,杨 军,郭恩彦,罗远光,

莫根永,罗永巨

556 凡纳滨对虾良种培育研究进展

熊建华,赵永贞,高永华,谢达祥,

张 彬,陈晓汉

综述·专论

562 越南农业生产概况

吕荣华,高国庆,李丹婷,TRAN

V Q,刘开强,唐茂艳,唐其展,

周 行,刘 忠

566 新疆天山西部云杉生长量变化及其影响因子分析

孙 丽,陈蜀江

571 我国城市化进程中被征地农民社会保障工作实践与思考

杨建斌

CONTENTS

Crop genetic & breeding·biotechnology

- 463 Isolation of chloroplasts from leaf tissue of sugarcane and extraction of their protein
SUN Fu, HUANG Qiao-ling, HUANG Xing, ZHANG Bao-qing, CHEN Ming-hui, YANG Li-tao, LI Yang-rui
- 468 Isolation of protoplast from young leaves of papaya
TANG Wen-zhong, LU Guo-kun, LIAO Fen, HUANG Mao-kang, HUANG Wei-xiong, HUANG Liao-cai
- 471 Tissue culture technique for rapid propagation of cassava improved variety GR891
HE Cheng-guang
- 475 Discussions on breeding strategies for resistant hybrid rice
CHEN Cai-hong, SU Xue-jun, LIANG Man-ling

Tillage & cultivation·physiology & biochemistry

- 479 Effect of EMS mutagenesis on physico-chemical properties of wheat starch
ZHANG Zhen-cai, DAI Shuang, CHENG Dun-gong, PENG Qin, XING Yong-xiu, SONG Jian-min
- 483 Distribution of mineral nutrients, dry matter and moisture contents and their correlations in different tissues and organs of wild *Cerasus humilis* during fruit development stages
MA Jian-jun, REN Yan-jun, DU Bin, YU Feng-ming, ZHANG Li-bin, XIAO Xiao
- 488 Effect of brassinosteroid on improving chilling resistance of bitter melon seedlings
HUANG Yu-hui, LUO Hai-ling, CHEN Xiao-feng
- 492 Analysis on climatic factors affecting sugarcane meteorological yield in Nanning area during 1980-2007
GU Li, HUANG Zhi-gang, LI Wen-bao, LIU Yong-xian
- 496 Effects of different planting densities, nitrogen application rates and planting methods on yield and quality of maize variety Guinuo 518
SHI Cheng-qiao, WANG Bing-wei, HUANG An-xia, QIN Yong-ai, QIN Jia-ming

Plant protection

- 500 Screening of most efficient medicament for controlling bacterial fruit blight of grafted watermelon seedlings using seed soaking method
HE Yi, WEI Zhi-yang, LI Wen-xin, QIN Si-hua, HUANG Jin-yan, HONG Ri-xin, LI Tian-yan
- 505 Identification of mulberry varieties resistance to red rust in Guangxi
GUO Tang-xun, MO Jian-you, HU Feng-yun, LI Kun-hua, HUANG Sui-ping
- 509 Investigations on sugarcane yellow leaf disease in northern sugarcane growing areas of Guangxi
YAN Mei-xin, HUANG Wei-hua, HUANG Cheng-hua
- 512 Effect of meteorological conditions on migration and occurrence of two migrant insects in rice fields of Yongfu County
TANG Ji-you

Soil & fertilizer·agroecology environment

- 515 Effect of organic fertilizer, sulfur and ferrous lignosulfonate on Fe nutrition and growth of mulberry in alkaline soil
WANG Teng-fei, ZHANG Chao-lan, LONG Guang-xia, LI Xiao-feng
- 518 Effects of transplanting density and nitrogen fertilizer rate on yield and its components in super-high-yielding early rice variety Y-liangyou 302
ZHAO Rong-de
- 521 Effect of different rate of nitrogen application on yield of rice variety Xinliangyou 6
LI Xiao-xia, QIN Kai-xuan, SHEN Feng-jie, LUO Tong-ping, CHEN Gui-lan, QIN Rui-de, XIANG Hua-xiang, HUANG Bin
- 524 Research advances of perfluorooctane sulfonate pollution in China
XIE Tao, WEI Li-li

Horticulture·storage·fresh-keeping·processing

- 528 Development of drying method for bean dregs using microwave and hot-air combo ZHANG Ping-an, ZHANG Jian-wei, SONG Lian-jun, ZHAO Qiu-yan
- 531 Ecological effects of common roadside trees *Roystonea regia* and *Amygdalus communis* in Nanning City LI Xiao-zheng, HUANG Yue-ming, HUANG Jian-bo, YANG Qing
- 535 Research progress on effects of bagging on the quality of tropical and subtropical fruits XIAO Jing

Animal science·veterinary science·aquiculture·sericulture

- 539 Isolation and identification of H9N2 subtype influenza virus from wild bird in Guangxi HUANG Sheng-bin, JIANG Jia-xia, HE Qi-song, FU Wei, SUN Xiang-xiang, MA Lin, XIONG Yi
- 544 Analysis on virulent phenotype in *Streptococcus suis* type 2, isolated from Guangxi HU Shuai, LI Jun, ZHU Juan-juan, CHEN Ze-xiang, XUAN Xiong-biao, HE Cai-mei, XIE Yong-ping, YANG Wei, XU Li-gan, ZHAO Wu, ZENG Yun
- 548 Development regulation on net species rate of silkworm protospecies in Guangxi using time series model analysis TIAN Zhi-de, HUANG Hong-yan, GAN Li-hong, JIANG Yu-lian
- 552 Techniques for over-wintering large sized tilapia fingerlings in enclosure pond GUO Zhong-bao, YANG Jun, GUO En-yan, LUO Yuan-guang, MO Gen-yong, LUO Yong-ju
- 556 Advances in breeding improved varieties of *Litopenaeus vannamei* XIONG Jian-hua, ZHAO Yong-zhen, GAO Yong-hua, XIE Da-xiang, ZHANG Bin, CHEN Xiao-han

Reviews·monographs

- 562 Current status of agricultural production in Vietnam LU Rong-hua, GAO Guo-qing, LI Dan-ting, TRAN V Q, LIU Kai-qiang, TANG Mao-yan, TANG Qi-zhan, ZHOU Hang, LIU Zhong
- 566 Volume increment in dragon spruce trees in western Tianshan Mountain of Xinjiang and its impact factors SUN Li, CHEN Shu-jiang
- 571 Practice and consideration on social security work for landless farmers during the process of urbanization in China YANG Jian-bin