



中文核心期刊
中国科技核心期刊
中国农业核心期刊
RCCSE中国核心学术期刊
中国科学引文数据库来源期刊

ISSN 1001-4829
CN51-1213/S
CODEN XNXUEF

西南农业学报

SOUTHWEST CHINA JOURNAL OF AGRICULTURAL SCIENCES

第28卷 第3期

Vol.28 No.3

2015

ISSN 1001-4829



9 771001 482157

《西南农业学报》编辑委员会

万方数据

目 次

作物遗传育种·种质资源

- 925 转基因抗除草剂水稻 Bar68-1 的遗传稳定性分析 蒋显斌,陈玉冲,邓力华,陈芬,凌炎,黄芊,龙丽萍,黄凤宽,罗群昌,肖国樱
- 930 干旱胁迫对导入高粱 DNA 的水稻变异系 R21 生理的影响 魏霞,李云峰,向佳,凌英华,杨正林,何光华,赵芳明
- 935 水稻两系不育系在美国阿肯色州潘布拉夫不同生长季节的育性变化 Huang Bihu, 严宗卜, Deren Christopher
- 939 收获前 15 d 持续遮光对香稻产量、品质和香气的影响 汤永坚,汪益磊,肖枫,莫钊文,潘圣刚,段美洋,唐湘如
- 944 直立与弯曲穗型水稻穗上不同部位籽粒蛋白质组分的比较 陈书强,薛青芳,潘国君,王秋玉
- 952 水稻氮高效种质资源的筛选 严明建,雷树凡,胡景涛,黄文章,吕直文,黄成志
- 957 云南粳型香软米品种产量和品质特性分析 李农飞,钟丽华,单艳,世荣,朱振华,刘慰华,邹茜,寇姝燕,黄望启,苏振喜
- 962 农杆菌介导抗虫基因 *GmCry1F* 转化玉米的研究 谢树章,雷开荣,杨小艳,胡明瑜,林清,吴红
- 967 优良玉米自交系 QB506 和 QR273 及其改良系的遗传多样性分析 兰琴英,陈泽辉,王安贵,郭向阳,祝云芳,胡兴,陈建军
- 975 *ACPase* 基因植物过表达载体的构建及对甘蓝型油菜的转化 赵凯琴,罗延青,王敬乔,俎峰,陈苇,李劲峰
- 982 用 TOPSIS 综合评价云南大麦新品系推广价值 雷涌涛,于亚雄,杨金华,王志伟,乔祥梅,程耿,胡银星,黄锦,程加省
- 986 新疆小扁豆种质资源农艺性状的主成分及聚类分析 苗昊翠,李利民,张金波,肖菁
- 991 不同基因型棉花苗期耐盐性与养分吸收利用差异分析 杨富强,杨长琴,刘瑞显,张国伟,沈新莲,倪万潮,张香桂
- 997 新疆早熟陆地棉 SSR 标记遗传多样性及群体结构分析 叶春秀,李全胜,李有忠,庄振刚,谢宗铭
- 1003 甘薯秧苗素质对块根分化建成和产量的影响 司成成,史春余,王振振,柳洪鹏,刘桂玲,孙哲
- 1009 甘蔗家系苗期根系性状与地上部性状研究 赵丽萍,刘家勇,赵培方,吴转娣,覃伟,赵俊,杨昆
- 1014 茶树表达序列标签中的微卫星特征分析 钱春仙,高俊,刘林,杨静,李成云

耕作栽培·生理生化

- 1020 东北超高密度种植下氮肥对春玉米光合、氮代谢及产量的影响 孔令中,孟瑶,顾万荣,杨振芳,李晶,魏湜
- 1027 长期免耕覆膜栽培和氮水平对稻-油轮作田油菜季杂草群落多样性的影响 董瑜皎,袁江,吕世华
- 1033 6-苜氨基腺嘌呤(6-BA)对香稻香气 2-乙酰-1-吡咯啉(2-AP)的影响 王抄抄,孔雷蕾,李姝娟,徐刚红,唐康桐,唐湘如
- 1038 山梨醇延长马铃薯试管苗低温保存的效应研究 刘一盛,何卫,王西瑶,王克秀,唐铭霞,彭洁,王余明,贾巍巍
- 1042 不同土壤水分含量对生菜生长和光合特性的影响 裴芸,张保才,别之龙
- 1047 丛生印度南瓜光合特性和叶绿素荧光参数研究 梁根云,李跃建,杨宏,李新高,房超,刘独臣,蔡鹏,刘小俊
- 1052 橡胶树胶木兼优品种热垦 523 生理特性研究 吴明,杨文凤,校现周,魏小弟,刘实忠,罗世巧
- 1057 不同浓度盐胁迫对蛋黄木薯幼根抗氧化酶表达水平的影响 杨龙,周错,安飞飞,陈松笔,李开绵
- 1062 铅胁迫对双穗雀稗生理特性及铅积累的影响 王裕玲
- 1067 2 种杜鹃对干旱胁迫的生理响应及抗旱性评价 李娟,黄丽华,陈训
- 1073 傅里叶变换红外光谱法分析香附子对铅胁迫生理响应及其铅积累特性 饶通德,陈书鸿,潘杰,余顺慧

植物保护·土壤肥料

- 1078 水稻单基因系与稻瘟病菌互作中防卫相关基因的表达 李进斌,刘林,杨静,陈敏,李成云
- 1083 玉米细菌性枯萎病和玉米内州萎焉病的红外光谱检测技术研究 夏拯,陈曦,张明哲,吴志毅,林晓佳,陈吴健

- 1088 玉米果穗挥发物组成及其对亚洲玉米螟的电生理活性 谢兴伟,蒋兴川,陈 斌,董文霞,张秀歌,肖 春,严乃胜,李正跃
- 1097 苯磺隆在成都地区诱导甘蓝型油菜雄性不育效果研究 黄 驰,胡海兵,蒲晓斌,李浩杰,张锦芳,蒋 俊,郑本川,牛应泽,蒋梁材
- 1105 植物次生代谢物烟碱对马铃薯块茎生长发育的影响 刘佳妮,黄鹤平,郑 吁,张瑜瑜,姚丽媛,华金珠
- 1110 东南亚茄子耐热抗青枯病资源筛选 李 涛,黎振兴,罗少波,李植良,李 颖,徐小万,孙保娟
- 1115 早熟沙田柚生物学特性观察与病毒病鉴定 陆少峰,梅正敏,贺申魁,肖远辉,莫健生,王明召,廖奎富,区善汉,韦志扬
- 1119 四川省攀枝花市烟区烟田金龟子种群动态初步研究 张瑞平,李 斌,胡建新,曾庆宾,闫芳芳,刘 旭,刘虹伶
- 1124 顶羽菊提取物对鳞翅目幼虫的杀虫活性研究 王新华,刘敏敏,胡冠芳,牛树君,余海涛,张新瑞
- 1130 八角金盘灰斑病的病原鉴定及其防治药剂筛选 吴石平,陈小均,刘作易
- 1135 云南小叶黄杨叶斑病病原鉴定及生物学特性分析 杨海艳,罗中泽,谢美华,徐成东,安 红,闫俊梅
- 1140 核型多角体病毒对不同日龄斜纹夜蛾成虫生殖的影响 郭慧芳,武海威,钟万芳,刘宝生,牛洪涛
- 1145 气相色谱法测定水样中六六六和滴滴涕残留量 陈兴连,汪禄祥,梅文泉,林 涛,邵金良,刘兴勇
- 1149 贵阳白云区工业园区周边水稻土重金属含量状况及风险评价 任 婧,袁 旭,卞春梅,范成五,秦 松
- 1155 保护性耕作对南方稻麦两熟高产农田土壤碳库特性的影响 张岳芳,孙国峰,周 炜,胡宇容,王 鑫,陈留根,郑建初
- 1161 多元素长效碳铵颗粒肥对小麦不同生育期生理生化指标以及氮磷钾吸收的影响 薛延丰,汪敬恒,李 恒
- 1166 海藻肥对玉米产量及农艺性状的影响 黄清梅,肖植文,管俊娇,张 鹏,张 惠,王燕林,杨 洲,王宝书,吕开洲,张建华
- 1171 早实核桃园土壤粒度特征及其与盐分的相关性分析 黄闻敏,张 强,王国安
- 1175 不同土壤肥力对甘薯干物质积累与分配的影响 贾赵东,边小峰,马佩勇,郭小丁,谢一芝
- 1182 不同类型氮肥及施用量对马齿苋生长发育及氮肥利用率的影响 洪立洲,王茂文,刘 冲,邢锦城,朱小梅,董 静
- 1188 连续4年垦植对贵州乌王茶土壤碳、氮、磷含量的影响 张珍明,张清海,林绍霞,林昌虎
- 1192 缙云山马尾松林地土壤真菌的纤维素酶活性研究 毛文韬,吴雪莲,辜夕容,姚永红
- 1197 墨汁鬼伞对猪粪中铅的富集特性研究 朱金山,胡留杰,刘剑飞,李 燕,余 端,马连杰,冯牧野,廖敦秀
- 园艺·林业·食品加工**
- 1201 砧木托鲁巴姆嫁接对夏秋茄子生长特性、产量与品质的影响 蔡 鹏,李跃建,刘独臣,刘小俊,梁根云,杨 宏,房 超
- 1205 中水大蒜组织培养与快繁技术研究 靳 松,陈泽斌,夏体渊,李育川,余 燕,任 祺,李 杨,张彩仙
- 1210 电子鼻和电子舌技术在块菌样品分类识别中的应用 清 源,何晓兰,柳成益,杨 梅,郑林用
- 1217 水肥管理对引进番木瓜畸形果发生的影响 吴海波,刘惠民,王连春,叶维雁,吴红丽,邓 佳,李明伟
- 1222 右江河谷地区红象牙芒营养诊断部位和时间初探 白亭玉,李华东,王艺蓉,郑 妍,林 电
- 1227 桃果实发育期矿质元素含量的动态变化及相关性分析 及 华,冯云霄,张海新
- 1231 基于 Logistic 模型的薄壳山核桃果实生长发育研究 朱海军,生静雅,刘广勤,陈亚辉,曹福亮
- 1236 铁皮石斛变异体的差异性分析 张雅琼,黄 莉,申毓哈,王序英,梁 泉,冯德强
- 1242 云南野生石斛 ISSR-PCR 分析 孔 琼,袁盛勇,薛春丽,周 锐,周 琴,段贤威,张正斌,蒋培春,罗满先
- 1246 东方百合可育品种及其不育突变体花药形成的细胞学观察 郑 洁,王有国,崔光芬,王祥宁,蒋亚莲,马璐琳,段 青,杜文文,贾文杰
- 1251 珍稀濒危植物长序榆遗传多样性的 ISSR 分析 袁建国,朱向涛,俞 琳
- 1257 11 年香樟楠人工林生长规律的研究 覃 毓,魏国余,吴 敏,张 凯
- 1262 基于层次分析法的南汀河流域林业生产现状研究 杨 帆,史正涛,曾建军,苏旺德,肖梦景,董安涛
- 1268 不同清洗方式对鲜切马铃薯品质的影响 唐偃雨,周金源,张 玲,张雪梅,刁 源,曾顺德
- 1273 普洱茶对 Wistar 大鼠骨代谢化指标的影响 秦廷发,邵宛芳,肖 蓉,杨兰兰,王国成,侯 艳
- 1278 高压脉冲电场对云南普洱茶总灰分含量的影响研究 陈 颖,周芳梅,杨秀莲,陈 婷,刘斯桐,王白娟
- 1283 普洱茶中吡虫啉的残留状况及浸出率 唐小琴,陈喻虹,马 燕,段红星

烟草科学·农业气象

- 1295 云南红大产区不同质地典型土壤对烟叶质量的影响 许东亚,孙军伟,焦哲恒,孙祖淑,徐发华,王新中,卢艳霞,史宏志
- 1300 烤烟 K326 突变体新品系‘片片黄’的性状表现及其 DNA 指纹图谱构建
李显富,陈婷婷,安雪琴,贾春雷,肖立增,朱俊,戴秀梅,张建奎
- 1306 烟叶常规化学成分与 7 项有害成分释放量的相关性分析 颜克亮,周博,朱东来,陈微,杨莹,胡巍耀,凌军
- 1311 楚雄州不同生态烟区烤烟致香成分含量比较分析 胡小东,张映翠,方亮,柴云霞,邹阳,吴杰
- 1317 不同栽培模式对鄂西南烤烟香型及质量风格的影响因子分析 蔡鑫,曹仕明,赵颺,谢德颖,杨俊,谢国生
- 1322 超高效液相色谱法快速检测烟叶中 8 种多酚类化合物 史春云,袁凯龙,肖卫强,卢昕博,戴路
- 1328 不同香型和基因型烤烟多酚类物质含量分布研究 周小红,刘国顺,贾方方,丁松爽,王兵
- 1334 变黄期湿球温度对 NC297 烟叶质量的影响 刘勇,何宽信,彭以昌,周新辉
- 1340 2013 年 12 月低温事件对昆明市主要小春农作物生长的影响 梅媛媛,曾艳,黄中艳,龙荣华,陆鹏
- 1348 种植芽向对木薯抗风性的影响 罗春芳,耿珍贵,黄洁,徐海强,魏云霞,周建国

畜牧·兽医·水产

- 1355 不同储藏条件下杜洛克猪肌肉 pH、糖原、乳酸及 TBA 的变化及相关关系 郭建凤,王继英,蔺海朝,张印,呼红梅,王诚,武英
- 1361 驼绒藜、绢蒿、冰草抗旱性研究 贾纳提,李莉,刘梦,马海燕,梁维维
- 1369 基于自动扫描技术比较地方鹅品种群体遗传结构 董颺,孙国波,段修军,秦豪荣,徐琪,乔娜,陈国宏
- 1375 绵羊肺炎支原体新疆流行株的分离鉴定及其膜蛋白 P80 基因序列分析
马玉,乔军,孟庆玲,刘田莉,胡政香,陈诚,才学鹏,张金生,陈创夫
- 1381 犬泌尿系统造影技术的研究 杨庆稳,雍康,沈留红,张建勇
- 1384 Calibrin-Z 对鸡坏死性肠炎防制效果 李超,刘立涛,王广文,李宁,岳瑞超,牛玉娟,刘思当
- 1390 水产品可食部分拟除虫菊酯残留量的检测方法 李燕,王小寒,谢勇,尹科平

综述

- 1395 烟叶表面化学成分的分析研究进展 向章敏,周淑平,耿召良

Contents

CROP GENETICS & BREEDING · GERMPLASM RESOURCES

- 925 Analysis on Genetic Stability of Genetically Modified Herbicide-Tolerant (GMHT) Rice Bar68-1 JIANG Xian-bin, et al.
- 930 Effect of Drought Stress on Physiological Characters of Rice Variant Line R21 by Introgression Sorghum DNA WEI Xia, et al.
- 935 Changes of Sterility to Some Two line System Male Sterile Lines in Different Rice Growing Seasons at Pine Bluff, ARUSA Bihu HUANG, et al.
- 939 Effect of Continuous Shading Treatment 15 Days before Harvest on Grain Yield, Quality and Aroma of Aromatic Rice TANG Yong-jian, et al.
- 944 Comparisons of Protein Composition of Grains at Different Positions of Panicle between Erect Panicle Type and Curved Panicle Type of *Japonica* Rice
CHEN Shu-qiang, et al.
- 952 Screening of Rice Germplasm Resources with High Utilization Ratio of Nitrogen Fertilizer YAN Ming-jian, et al.
- 957 Analysis of Yield and Quality Characteristics of Japonica Soft Rice in Yunnan Province LI Nong-fei, et al.
- 962 Study on Insect-resistant Gene of *GmCry1F* Transformation in Maize by Agrobacterium-mediated XIE Shu-zhang, et al.
- 967 Analysis of Genetic Diversity in Elite Maize Inbred Line QB506, QR273 and Their Improved Inbred Lines LAN Qin-ying, et al.
- 975 Expression Vector Construction of AQPase and Its Utilization in Rapeseed (*Brassica napus* L.) ZHAO Kai-qin, et al.
- 982 Comprehensive Evaluation of Yunnan Barley New Lines Promotional Value Based on TOPSIS LEI Yong-tao, et al.
- 986 Principal Components and Cluster Analysis of Agronomic Traits of Lentil (*Lens culinaris* Medik.) in Xinjiang MIAO Hao-cui, et al.
- 991 Genotypic Variation of Waterlogging Resistance and Nutrient Uptake and Utilization of Cotton Cultivars at Seedling Stage YANG Fu-qiang, et al.
- 997 Genetic Diversity and Population Structure of Earliness Upland Cotton Cultivars in Xinjiang by SSR Molecular Marker YE Chun-xiu, et al.
- 1003 Effect of Seedling Quality on Formation and Yield of Tuber Root SI Cheng-cheng, et al.
- 1009 Characteristics of Root and Aerial Part of Sugarcane Seedlings ZHAO Li-ping, et al.
- 1014 Analysis of EST-SSRs in *Camellia sinensis* QIAN Chun-xian, et al.

TILLAGE & CULTIVATION · PHYSIOLOGY

- 1020 Effect of Nitrogen Application Rate on Spring Maize Photosynthesis, Nitrogen Metabolism and Yield under High Density Planting Conditions
in Northeast of China KONG Ling-zhong, et al.
- 1027 Effect of Long-term Different Cultivation Modes and N Applications on Diversity of Weed Communities in Oilseed Rape Fields under
Rice-oilseed Rape Rotation System DONG Yu-jiao, et al.
- 1033 Effect of 6-Benzylaminopurine(6-BA) on 2-Acetyl-1-Pyrroline(2-AP) Content of Aromatic Rice WANG Chao-chao, et al.
- 1038 Study on Prolonged Preservation Time of Potato Plantlets in Vitro Treated by Sorbitol LIU Yi-sheng, et al.
- 1042 Effects of Different Field Water Capacities on Growth and Photosynthesis of Lettuce PEI Yun, et al.
- 1047 Study on Photosynthetic Characteristics and Chlorophyll Fluorescence Parameters of Bush *Cucurbita maxima* LIANG Gen-yun, et al.
- 1052 Study on Physiological Characteristics of Latex/Timber Rubber Clone Reken 523 WU Ming, et al.
- 1057 Effects of Different NaCl Concentration on Expression Level of Antioxidant Enzyme in Fibrous Roots of SC9 YANG Long, et al.
- 1062 Effects of Pb²⁺ Stress on Physiological Characteristics of *Paspalum distichum* and Its Pb Uptake WANG Yu-ling
- 1067 Physiological Response of Two *Rhododendron simsii* Seedlings to Drought Stress and Drought Resistance Evaluation LI Juan, et al.
- 1073 Physiological Response of *Cyperus rotundus* to Lead Stress by FTIR Spectroscopy and Its Pb Accumulation RAO Tong-de, et al.

PLANT PROTECTION · SOIL FERTILIZER

- 1078 Defense Genes Expression of Disease Resistance to Blast Fungus in Monogenic Lines LI Jin-bin, et al.

- 1083 IR Detection Technology Research of Bacterial Wilt of Corn or Stewart's Wilt and Goss's Bacterial Wilt and Leaf Blight XIA Zheng, et al.
- 1088 Electroantennogram Response of Asian Corn Borer (*Ostrinia furnacalis*) to Volatiles from Corn Ear XIE Xing-wei, et al.
- 1097 Effects of Male Sterilization of *Brassica napus* L. Induced by Tribenuron-methyl in Chengdu Region HUANG Chi, et al.
- 1105 Effects of Plant Allelochemicals Nicotine on Growth and Development Phase of *Phthorimaea operculella* (Zeller) LIU Jia-ni, et al.
- 1110 Evaluation of Eggplant from Southeast Asia for Heat-tolerance and Resistance to Bacterial Wilt (*Ralstonia solanacearum* Smith) LI Tao, et al.
- 1115 Observation on Biological Traits of Early-maturing Shatian Pomelo and Viral Disease Identification LU Shao-feng, et al.
- 1119 Preliminary Studies on Scarab Population Dynamics in Panzhihua Tobacco ZHANG Rui-ping, et al.
- 1124 Insecticidal Activity of Fraction from *Acroptilon repens* against Larvae of Lepidoptera WANG Xin-hua, et al.
- 1130 Identification of *Fatsia japonica* Grey Spot Pathogen and Screening of Fungicides WU Shi-ping, et al.
- 1135 Identification and Biological Characteristics of Pathogen Causing *Buxus microphylla* Leaf Spot, Yunnan YANG Hai-yan, et al.
- 1140 Effects of *Spodoptera litura* Nucleopolyhedrovirus on Reproduction of Host at Different Ages GUO Hui-fang, et al.
- 1145 Determination of HCH and DDT in Water by Gas Chromatography CHEN Xing-lian, et al.
- 1149 Risk Assessment on Heavy Metal Pollution of Paddy Soil around Baiyun Industrial Park, Guiyang REN Jing, et al.
- 1155 Effects of Conservation Tillage on Soil Carbon Pool from High Production Rice-wheat Double Cropping Systems in South China
ZHANG Yue-fang, et al.
- 1161 Effect of Many Elements Long-acting Ammonium Bicarbonate on Physiological and Biochemical Parameters and Absorption of N, P and K in
Different Periods of Wheat Growth XUE Yan-feng, et al.
- 1166 Effects of Seaweed Fertilizer on Yield and Agronomic Characteristics of Maize HUANG Qing-mei, et al.
- 1171 Correlation Analysis of Soil Granularity Characteristics with Salinity in Early Bearing Walnut Orchard HUANG Min-min, et al.
- 1175 Effect of Different Soil Fertility Levels on Dry Matter Accumulation and Partition of Sweetpotato JIA Zhao-dong, et al.
- 1182 Effect of Type and Application Rate of Nitrogen Fertilizer on Development and Nitrogen Utilization in *Portulaca oleracea* L.
HONG Li-zhou, et al.
- 1188 Effects of Four Years Continuous Cultivation on C, N and P Contents in Guizhou Niaowang Tea Soil ZHANG Zhen-ming, et al.
- 1192 Cellulaseactivities of Fungi in Forest Soil under Different *Pinus massoniana* Lamb Stands in Jinyun Mountain MAO Wen-tao, et al.
- 1197 Characteristics of Pb Enrichment in Pig Manure by *Coprinopsis atramentaria* ZHU Jin-shan, et al.

HORTICULTURE · FORESTRY · FOOD PROCESSING

- 1201 Effect of Rootstock *Solanum torvum* on Growth Performance, Yield and Quality of Eggplant in Summer and Autumn CAI Peng, et al.
- 1205 Study on Tissue Culture and Rapid Propagation of Zhongshui Garlic JIN Song, et al.
- 1210 Application of Electronic Nose and Tongue for Discrimination of Truffles with Different Processing Technology QING Yuan, et al.
- 1217 Effects of Water and Fertilizer Management on Occurrence of Malformed Fruit for Introduced Papaya WU Hai-bo, et al.
- 1222 Primary Investigation of Sampling Period and Location of Aroemanis in Youjiang River Valley BAI Ting-yu, et al.
- 1227 Study on Dynamic Changes and Correlation of Main Mineral Elements in Fruit of 'Okubao' Peach during Its Development JI Hua, et al.
- 1231 Study on Growth and Development of Pecan Fruit Based on Logistic Model ZHU Hai-jun, et al.
- 1236 Difference Comparison of Mutants of *Dendrobium officinale* Kimura et Migo ZHANG Ya-qiong, et al.
- 1242 ISSR-PCR Analysis of Wild Species of *Dendrobium* in Yunnan KONG Qiong, et al.
- 1246 Cytological Observation of Anther Formation of *Lilium* 'Oriental Hybrids' Normal Line and Male Sterile Mutant Line ZHENG Jie, et al.
- 1251 ISSR Analysis of Genetic Diversity of Rare or Endangered Species *Ulmus elongata* AI Jian-guo, et al.
- 1257 Growth Regularity of *Michelia hedyosperma* Plantation QIN Yu, et al.
- 1262 Analytic Hierarchy Process to Evaluate Forestry Production Capacity of Nanting River Basin YANG Fan, et al.
- 1268 Study of Fresh-cut Potato Quality by Different Cleaning Methods TANG Si-yu, et al.
- 1273 Effect of Pu'er Tea on Biochemical Index of Bone Metabolism in Wistar Rats QIN Ting-fa, et al.

- 1278 Effects of High-voltage Pulsed Electric Field on Total Ash Content in Pu'er Tea CHEN Ying, et al.
- 1283 Imidacloprid Residues and Leaching Rate in Pu'er Tea TANG Xiao-qin, et al.
- 1288 Determination of 49 Pesticides Residues in Bamboo Shoot Using QuEChERS-modified and Gas Chromatography-tandem Mass Spectrometry
CHU Neng-ming, et al.

TOBACCO SCIENCE · AGRO-METEOROLOGY

- 1295 Effects of Different Typical Soil Textures on Quality of Tobacco Leaves XU Dong-ya, et al.
- 1300 Characteristics and DNA Fingerprint of New Flue-cured Tobacco Strain 'Pianpianhuang' Bred from Natural Mutant of Variety K326 by System Selection Method LI Xian-fu, et al.
- 1306 Correlation Analysis on Routine Chemical Components in Flue-cured Tobacco Leaf with Seven Harmful Components in Mainstream Smoke
YAN Ke-liang, et al.
- 1311 Comparison of Aroma Components of Flue-cured Tobacco from Different Ecological Regions in Chuxiong HU Xiao-dong, et al.
- 1317 Analysis on Key Factors of Flavor Type and Quality Characters in Flue-cured Tobacco in Southwest Hubei Province under Different Cultivation Modes
CAI Xin, et al.
- 1322 Fast Determination of Eight Kinds of Polyphenols in Tobacco Leaf with UPLC SHI Chun-yun, et al.
- 1328 Study on Polyphenols Distribution in Flue-cured Tobacco of Different Flavors and Genotypes ZHOU Xiao-hong, et al.
- 1334 Effects of Yellowing Wet-bulb Temperature on Quality of NC297 Flue-cured Tobacco LIU Yong, et al.
- 1340 Influence of Low Temperature Event on Main Winter Crops in Kunming City Having Occurred in December 2013 MEI Yuan-yuan, et al.
- 1348 Effect of Different Bud Direction on Cassava Wind-resistance Ability LUO Chun-fang, et al.

ANIMAL SCIENCE · VETERINARY SCIENCE · FISHERY

- 1355 Change and Correlation of Duroc Muscle pH, Glycogen, Lactic Acid and TBA in Different Storage Condition GUO Jian-feng, et al.
- 1361 Study on Drought Resistance of *Ceratoides*, *Seriphidium* and *Agropyron* JIA Na-ti, et al.
- 1367 Comparison of Population Genetic Diversity between Indigenous Goose Breeds by Automatic Scanning Technique DONG Biao, et al.
- 1369 Isolation and Identification of *Mycoplasma ovipneumoniae* Xinjiang Isolates and Its Sequence Analysis of *P80* Gene MA Yu, et al.
- 1381 Study on Technology of Canine Urinary System Radiography YANG Qing-wen, et al.
- 1384 Effect of Calibrin-Z on Chicken Necrotizing Enteritis LI Chao, et al.
- 1390 Determination of Pyrethroids Residues in Edible Part of Aquatic Products LI Yan, et al.

REVIEW

- 1395 Research Progress in Analysis of Cuticular Constituents of Tobacco Leaves XIANG Zhang-min, et al.

《西南农业学报》编辑委员会

主 编：李跃建

副主编：（以汉语拼音首字母为序，有*者为常务副主编）

白先进 李宝海 刘剑飞 刘作易 雷 波* 唐开学

编 委：白先进 参木友 陈彩虹 陈德寿 陈晓汉 高红卫 高立洪 顾明华 何永坤 黄宗洪 蒋志农
雷 波 雷开荣 李宝海 李成云 李贤勇 李 晓 李晓忠 李跃建 刘剑飞 刘作易 罗廷荣
覃 荣 覃泽林 任光俊 粟 剑 唐开学 田时炳 王家银 王 云 魏蓉城 温国泉 吴伯志
杨 华 余国东 余懋群 余 遥 张晓春 曾秀丽 尼玛扎西

Editor in Chief: Prof. LI Yue-jian

西南农业学报（双月刊）

Xinan Nongye Xuebao

2015年6月出版（公开发刊）

2015年第28卷第3期

Southwest China Journal of

Agricultural Sciences(Bimonthly)

Vol. 28 No. 3 2015

Published on June 28, 2015

本刊已加入或入编“中国知网”、“万方数据—数字化期刊群”和“中国核心期刊（遴选）数据库”，作者著作权使用费与本刊稿酬一次性给付，不再另行发放。作者如不同意将文章加入或入编，投稿时敬请说明。

协 办：四川省农作物育种攻关领导小组办公室

联系人：何希德

电 话：（028）84504004

主 管：四川省农业厅
主 办：四川、云南、贵州、广西、西藏及
重庆市（区、市）农科院
编 辑 出 版：《西南农业学报》编辑部
编 辑 部 地 址：成都市锦江区净居寺路20号附101号
（邮编：610066）

照 排：锦江区海林印务部
印 刷：成都市锦慧彩印有限公司
国内订阅发行：四川省报刊发行局
国外订阅发行：中国出版对外贸易总公司
（北京782信箱）

中国标准刊号：CN51-1213/S ISSN 1001-4829 CODEN XNXUEF

Sponsored by Sichuan, Yunnan, Guizhou, Guangxi,
Tibet and Chongqing Academies of Agri. Sci.
Edited and Published by Editorial Department
of Southwest China Journal of Agri. Sci.
Address: 20-101, Jingjusi Road, Jinjiang District,
Chengdu, Sichuan 610066

Distributed by China Publish Foreign Trading
Corporation (P.O. Box 782, Beijing, China)
E-mail: Jxuebao@sina.com
<http://xnnxyb.periodicals.net.cn/default.html>

2015

第28卷 第3期

Vo1.28 No.3

万方数据

公开发刊

邮发代号：62-152

国内订价：30.00元