



ISSN 1004-1389

CN 61-1220/S

西北农业学报

ACTA AGRICULTURAE BOREALI-OCCIDENTALIS SINICA

2013

第22卷 第6期

Vol.22 No.6

西北农林科技大学，甘肃、宁夏、青海、新疆农(林)业科学院，
青海、新疆畜牧(兽医)科学院及新疆农垦科学院 主办



科学出版社
Science Press

目 次

- 牛乳腺干细胞的分离和生物学特征 李吉霞, 葛秀国, 郭 宏, 张 涌(1)
新疆卡拉库尔羊 *Fas* 基因原核表达载体的构建及表达 贾山岭, 潘伊微, 潘 辉, 贺艳艳, 李莲瑞(6)
多杀性巴氏杆菌分离鉴定及序列分析 康立超, 黄 新, 韩猛烈, 王正荣, 何延华, 谭鹏飞, 薄新文, 钟发刚, 王新华(10)
羟甲香豆素微乳对试验鼠的急性毒性和致突变试验 付明哲, 李长安, 宋晓平, 吴明明(17)
莱克多巴胺荧光试纸的初步研制及性能测定 宋春美, 职爱民, 张 静, 王玲玲, 孙亚宁, 贾国超, 肖传来, 张改平(22)
司帕沙星人工抗原合成及鼠源多克隆抗血清的制备 贾国超, 职爱民, 宋春美, 刘 珍, 张 静, 王玲玲, 李梦琴, 张改平(27)
剪穗处理下小麦叶片逆向衰老的生理表现 李春玲, 马亚琴, 杨 霞, 胡景江, 苗 芳(31)
美国大麦种质资源对赤霉病的抗性鉴定 莱海业, 陈 健, 沈会权, 陶 红, 乔海龙, 瞿 慧, 陈 和(36)
甜荞愈伤组织的诱导和离体再生体系的建立 陈 佳, 高金锋, 王鹏科, 高小丽, 徐冰沁, 方正武, 屈 洋, 冯佰利(40)
少耕轮作小麦间作玉米的产量表现和水分利用效率 殷 文, 柴 强, 胡发龙(47)
不同耕作措施下夏玉米生长季农田 CO₂ 排放速率及其与土壤温度的关系 禄兴丽, Sikander Khan Tanveer, 廖允成, 温晓霞(53)
种植密度对春玉米干物质、氮素积累与转运及产量的影响 胡富亮, 郭德林, 高 杰, 路海东, 张仁和, 薛吉全(60)
免耕覆盖对玉米产量及土壤肥力的影响 张 萌, 李立科, 郝明德(67)
棉花营养期倒四叶不同位点 SPAD 值与植株氮营养相关性 薛向荣, 杨 涛, 马兴旺, 王 略, 牛新湘(73)
北疆小尺度滴灌棉田土壤全氮半变异函数建模及空间变异特征 郭 鹏, 徐丽萍, 常 存(79)
贮藏方法和时间对甜高粱秸秆糖分及酶活性的影响 再吐尼古丽·库尔班, 吐尔逊·吐尔洪, 陈维维, 叶 凯(85)
银杏叶提取液浸泡处理对鲜切苹果的保鲜效果 冯金霞, 何 玲, 张美芳, 胡松申, 郭 梁(92)
不同施肥方式对黄冠梨果实发育特性及果实品质的影响 赵 林, 杨 峰, 张玉娇, 樊继德, 陆信娟, 李 勇, 王福建(98)
树干注射铁肥对新疆灰枣产量和品质的影响 宋锋惠, 张 萍, 史彦江(102)
阿克苏地区骏枣落果规律及其保果措施 侍 瑞, 陈辉煌, 努尔尼萨, 杜 研, 牛真真, 王海儒, 李建贵(108)
河西走廊不同砧木品种对贵人香葡萄光合与荧光特性的影响 郝 燕, 张 坤, 杨 瑞, 王玉安(113)
低分子有机酸喷施对辣椒生长、养分吸收、产量及果实品质的影响 于 丹, 徐福利, 王渭玲, 王国兴(118)
缓释肥及平衡施肥对干制辣椒氮磷钾吸收的影响 张忠武, 王建新, 鲁 耀, 段宗颜, 彭荣珍, 周 敏, 杨景华(126)
含四环素的有机肥对土壤酶活性及小白菜生长的影响 张友旺, 谷 浩, 杨 玖, 高 华(132)
西葫芦胚囊植株生殖特性 韩欢欢, 王晓云, 谢 冰(139)
Ca⁺诱导损伤线粒体超微结构的原子力显微镜研究 王 霖, 朱 杰, 王国栋(148)
不同浓度磷对甘草生长及药用成分的影响 李琼翠, 李俊达, 刘 冉, 苏 伟, 于志佳, 王景安(153)
丹参内生细菌抗氧化及抗菌活性 李晓君, 张鞍灵, 薛泉宏, 高锦明(158)
植物内生放线菌 Hhs. 015^T 对油菜菌核病的防治效果 陈亚菲, 张 强, 高小宁, 秦虎强, 黄丽丽, 韩青梅(162)
贵州省稻瘟病菌对稻瘟灵的抗药性监测 何海永, 杨学辉, 陈小均, 吴石平, 谭清群, 王莉爽, 袁 洁(168)
中国尾孢菌属真菌省级新记录种 翟凤艳, 李 华, 王笑田, 刘英杰(172)
黑河流域下游绿洲-荒漠梯度上的植被数量特征 路 明, 刘加珍, 陈永金, 路亚坤(176)
猪粪秸秆堆肥复合微生物菌剂的制备及应用效果 李天枢, 呼世斌, 李 辰, 黄海波, 杨 浩, 张凤梅(183)
化学絮凝法对高质量浓度养猪废水预处理效果 黄海波, 呼世斌, 张凤梅, 杨 浩, 李天枢, 李 辰(190)
工业氧化锌炼锌废水的处理工艺 李 辰, 呼世斌, 李天枢, 张凤梅, 杨 浩, 黄海波(197)
热脱附处理技术对汞污染土壤的影响 杨 勤, 王兴润, 孟昭福, 张 洁(203)

期刊基本参数:CN61-1220/S * 1992 * M * A₄ * 210 * zh+en * p * ¥30.00 * 1000 * 36 * 2013-06

CONTENTS

Isolation and Biological Characteristics of Bovine Mammary Stem Cells	LI Jixia, et al. (1)
Construction and Expression on Prokaryotic Expressing Vectors of <i>Fas</i> Gene from Xinjiang Karakul Sheep	JIA Shanling, et al. (6)
Isolation, Identification and Sequence Analysis of <i>Pasteurella multocida</i>	KANG Lichao, et al. (10)
Acute Toxicity and Mutagenic Test on Hymecromone Microemulsion in Mice	FU Mingzhe, et al. (17)
Development and Trait Identification of Fluorescence-Labeled Strip for Detection of Ractopamine	SONG Chunmei, et al. (22)
Synthesis of Sparfloxacin Artificial Antigen and Development of Its Polyclonal Antiserum	JIA Guochao, et al. (27)
Physiological Performance of Leaf-inverted Senescence in Ear-partial-removed Wheat	LI Chunling, et al. (31)
Identification of American Barley Germplasm Resources for Fusarium Head Blight Resistance	LUAN Haiye, et al. (36)
Establishment of Callus-induction and in vitro Regeneration System in Buckwheat	CHEN Jia, et al. (40)
Performance of Yield and WUE in Wheat-Maize Intercropping and Rotation under Reduced Tillage	YIN Wen, et al. (47)
CO ₂ Flux and Its Correlation with Soil Temperature in Summer Corn Growth Season under Different Tillage Measures	LU Xingli, et al. (53)
Effects of Planting Densities on Dry Matter and Nitrogen Accumulation and Grain Yield in Spring Maize	HU Fuliang, et al. (60)
Effect of No-tillage with Straw Cover on Corn Yield and Soil Fertility	ZHANG Meng, et al. (67)
The Correlation between Nitrogen Nutrition Status of Cotton Plant and SPAD Value in Different Sites of Inverse Fourth Leaf	XUE Xiangrong, et al. (73)
Semivariogram Modeling and Spatial Variation of Drip Irrigation Soil Total Nitrogen at Small Scale Cotton Field in North Xinjiang	GUO Peng, et al. (79)
Effects of Different Storage Methods and Storage Time on the Sugar Content and Enzyme Activities in Sweet <i>Sorghum</i> Stems	ZAITUNIGULI Kuerban, et al. (85)
Fresh-keeping Effect of Suppression Treatment of <i>Ginkgo biloba</i> Leaves Extracts on Red Fuji Apples	FENG Jinxia, et al. (92)
Effect of Fertilizer Application Methods on Fruit Development Characteristics and Quality of "Huangguan" Pear	ZHAO Lin, et al. (98)
Effects of Trunk Injection of Fe on the Yield and Quality of <i>Ziziphus jujuba</i> cv. Huizao from Xinjiang	SONG Fenghui, et al. (102)
Fruit Drop Law and Retention Measures of Jun-jujuba in Aksu Region	SHI Rui, et al. (108)
Effect of Different Rootstock Varieties on Photosynthesis and Fluorescence Characteristics of Riesling Grape	HAO Yan, et al. (113)
Effects of Low-molecular Organic Acids Spray on Growth, Nutrient Uptake, Yield and Fruit Quality of Hot Pepper	YU Dan, et al. (118)
Effects of Slow-release Fertilizer and Balance Fertilization on Nitrogen, Phosphorus and Potassium Uptake of Dried Peppers	ZHANG Zhongwu, et al. (126)
Effects of Organic Fertilizer Containing Tetracycline on Soil Enzyme Activities and Pakchoi Growth	ZHANG Youwang, et al. (132)
Reproductive Characteristics of Embryo Sac Plants in Summer Squash (<i>Cucurbita pepo</i> L.)	HAN Huanhuan, et al. (139)
Ultrastructure of Injured Mitochondria Induced with Ca ²⁺ Ions Observed Using Atomic Force Microscopy	WANG Lin, et al. (148)
Effects of Different Concentration of Phosphorus on Growth and Medicinal Ingredients of Licorice	LI Qiong cui, et al. (153)
Antioxidant, Antimicrobial Activities of Endophytic Bacteria Isolated from <i>Salvia miltiorrhiza</i> Bunge	LI Xiaojun, et al. (158)
Inhibitive Effect of an Endophytic Actinomycete Hhs. 015 ^T Against <i>Sclerotinia sclerotiorum</i>	CHEN Yafei, et al. (162)
Resistance of <i>Magnaporthe grisea</i> to Isoprothiolane in Guizhou	HE Haiyong, et al. (168)
Notes on Provincial New Record Species of <i>Cercospora</i> in China	ZHAI Fengyan, et al. (172)
Vegetation Quantity Characteristics at the Gradient of Oasis-desert in the Lower Reaches of Heihe River Basin	LU Ming, et al. (176)
Preparation of Complex Microbial Agent for Pig Manure and Straw Compost and Application Effect	LI Tianshu, et al. (183)
Effect of Chemical Flocculation on High Mass Concentration of Pig Wastewater Pretreatment	HUANG Haibo, et al. (190)
Treatment Technology of Wastewater of Zinc Smelting from Industrial Zinc Oxide	LI Chen, et al. (197)
Effect of Thermal Desorption Treatment Technology on Mercury Contaminated Soils	YANG Qin, et al. (203)