

东北农业大学学报

月刊 1957 年创刊

第 41 卷 第 11 期 总 189 期 2010 年 11 月

目 次

作物科学

- 大豆产量相关性状的多年多点 QTL 分析 刘春燕, 齐照明, 韩冬伟, 等 (1)
2008-2009 年黑龙江省年大豆灰斑病菌生理小种的监测 刘洋大川, 潘春清, 孙洪利, 等 (10)
盐酸左氧氟沙星胁迫对小麦幼苗生长及生理特性的影响 朱健, 龙健, 范菲菲 (17)
土壤改良剂对盐胁迫下棉花生长及与耐盐有关的几个
 生理生化指标的影响 程玲, 邱永福, 李显榕, 等 (22)

园艺科学

- 黄瓜果实弯曲性状的 QTL 定位 张鹏, 秦智伟, 王丽莉, 等 (28)
外源水杨酸降低辣椒幼苗盐害的生理效应 曾长立, 陈祥友 (32)
不同氮肥及配比对韭菜产量和品质的影响 毕兆东, 王世金, 程青青, 等 (37)
基于景观格局分析的乡村居民点布局优化研究 刘颂, 郭菲菲 (42)

农业资源与环境

- 农肥和化肥对黑土氮素淋溶的影响 赵伟, 王宏燕, 陈雅君, 等 (47)
黑龙江省黑土、草甸土耕地土壤与荒地土壤水分入渗试验研究 郑蕾, 张忠学 (53)
污染土壤中耐镉菌株的筛选、鉴定及吸附试验研究 耿印印, 王旭梅, 王红旗, 等 (59)
城市污泥堆肥过程中纤维素降解菌的筛选及鉴定 崔丽娟, 申雪庆, 周东兴 (66)

生命科学

- 乳酸对酵母凋亡及某些相关基因表达的影响 卢丽, 李树峰, 佟慧丽, 等 (72)
牛 *myf6* 基因克隆及在成纤维细胞中的表达 汤展毅, 严云勤, 高学军, 等 (77)

pH 及离子强度对渗滤液水溶性有机物同步荧光光谱的影响.....耿春茂, 席北斗, 赵 越, 等(83)

动物科学

哲罗鱼稚、幼鱼耗氧量和窒息点的初步研究.....张永泉, 贾钟贺, 张 慧, 等(87)

利用天然四倍体泥鳅生产三倍体泥鳅的初步研究.....李雅娟, 庞义猛, 于 卓, 等(92)

NaCl 胁迫下秋眠型紫花苜蓿光合作用特性的研究.....陈托兄, 陈水红, 卢欣石(96)

动物医学

静松灵复合麻醉剂对犬麻醉效果的研究.....魏 丹, 高 利, 张 博, 等(103)

利用免疫组化方法确定堆型艾美耳球虫的进攻途径及部位.....蔡皓璠, 任 玲, 黄小丹, 等(108)

食品科学

以干酪素为蛋白源加工模拟 Mozzarella 干酪对其品质的影响.....李晓东, 陈 超, 史亚丽, 等(112)

利用毛细管电泳测定牛乳和山羊乳混合乳的蛋白质.....石 燕, 姜金斗, 刘 宁(119)

自然发酵东北酸菜中乳杆菌的分离与鉴定.....张鲁冀, 孟祥晨(125)

农业工程与技术

基于 Fluent 割前脱粒联收机惯性分离室后壁影响.....严森泉, 蒋恩臣(132)

四重滚筒式牧草干燥机结构优化.....董航飞, 郑先哲, 王建英(136)

Logit 多分类模型的三江湿地保有价值评价.....葛慧玲, 焦 扬, 教长林(139)

综 述

骨髓间充质干细胞对肿瘤细胞的生物学行为的影响.....宋关斌, 李晓娜(143)

科技进展

玉米籽粒灌浆速率研究进展.....刘宗华, 张战辉(148)

几种食源性致病菌及其监控.....兰 述, 徐红华, 李铁晶, 等(154)

[期刊基本参数]: CN23-1391 / S * 1957 * m * A4 * 160 * zh * P * ¥8.00 * 1 000 * 29 * 2010-11-25

DONGBEI NONGYE DAXUE XUEBAO
JOURNAL OF NORTHEAST AGRICULTURAL UNIVERSITY

Monthly Vol. 41 No. 11 (Cumulated No. 189) Nov. 2010

CONTENTS

Crop Science

- QTL analysis of yield components on soybean under different environment LIU Chunyan, et al. (1)
Physiological race monitoring of *Cercospora sojina* in
Heilongjiang Province from 2008 to 2009 LIU Yangdachuan, et al. (10)
Effect of *Levofloxacin hydrochloride* stress on growth and physiological
characteristics of wheat seedlings ZHU Jian, et al. (17)
Effect of soil amendment on growth traits, physiological and biochemical indices
related to salt tolerance of cotton seedling under salinity stress CHENG Ling, et al. (22)

Horticultural Science

- Mapping quantitative traits loci linked to bending fruit trait in cucumber ZHANG Peng, et al. (28)
Physiological effect of exogenous salicylic acid on decreasing salt damage to
pepper seedlings ZENG Changli, et al. (32)
Effect of different nitrogen fertilizers and ratios on yield and quality of
Chinese chive BI Zhaodong, et al. (37)
Research on optimization of rural settlement landscape pattern LIU Song, et al. (42)

Agricultural Resources and Environment

- Effects of manure and chemical fertilizers application on nitrogen leaching in black soil ZHAO Wei, et al. (47)
Study on permeability of black soils and meadow soils in cultivated soils and
wasteland soils in Heilongjiang Province ZHENG Lei, et al. (53)
Screening and identification of cadmium-tolerant bacteria in
polluted soil and characteristics GENG Yinyin, et al. (59)
Isolation and identification of cellulose decomposing microorganisms from
sludge composting process CUI Lijuan, et al. (66)

Life Science

- Effect of lactic acid on yeast apoptosis and expression of apoptosisrelated gene LU Li, et al. (72)
Cloning of bovine *myf6* gene and expression of gene in fibroblasts TANG Zhanyi, et al. (77)
Effect of pH and ionic strength on synchronous fluorescence spectra of
dissolved organic matter in landfill leachate GENG Chunmao, et al. (83)

Animal Science

- Preliminary studies on oxygen consumption and asphyxiation point of
juvenile and young *Hucho taimen*.....ZHANG Yongquan, et al. (87)
- Study on All-triploid production by crossing *Misgurnus anguillicaudatus*
tetraploids and diploids.....LI Yajuan, et al. (92)
- Research on photosynthetic characteristics of fall dormant alfalfa under
salt stress.....CHEN Tuoxiong, et al. (96)

Veterinary Science

- Study on xylidinothiazoline compound anesthetic on dogs' anesthesia effect.....WEI Dan, et al. (103)
- Definite the attack path and position of *E. acervulina* by
immunoperoxidase staining.....CAI Haofan, et al. (108)

Food Science

- Effect of casein as a protein on properties of imitation Mozzarella cheese.....LI Xiaodong, et al. (112)
- Milk protein determination of cow's and goat's milk mixtures by capillary.....SHI Yan, et al. (119)
- Isolation and identification of *Lactobacilli* from natural fermented suancai.....ZHANG Luji, et al. (125)

Agricultural Engineering and Technology

- Effect of the back wall to inertia deposition separation chamber of
combine harvester threshing prior to cutting based on Fluent.....YAN Senquan, et al. (132)
- Structure optimization of four-fold rotary dryer for forage drying.....DONG Hangfei, et al. (136)
- Non-use value evaluation of Sanjiang wetland based on Logit model.....GE Huiling, et al. (139)

Summarize

- Effects of bone marrow-derived mesenchymal stem cells on
the biological behavior of tumor cells.....SONG Guanbin, et al. (143)

Progress in Science and Technology

- Research progress on grain filling rate in maize.....LIU Zonghua, et al. (148)
- A few foodborne pathogens and their surveillance.....LAN Shu, et al. (154)

[Serial parameters]: CN23-1391 / S * 1957 * m * A4 * 160 * zh * P * ¥8.00 * 1 000 * 29 * 2010-11-25