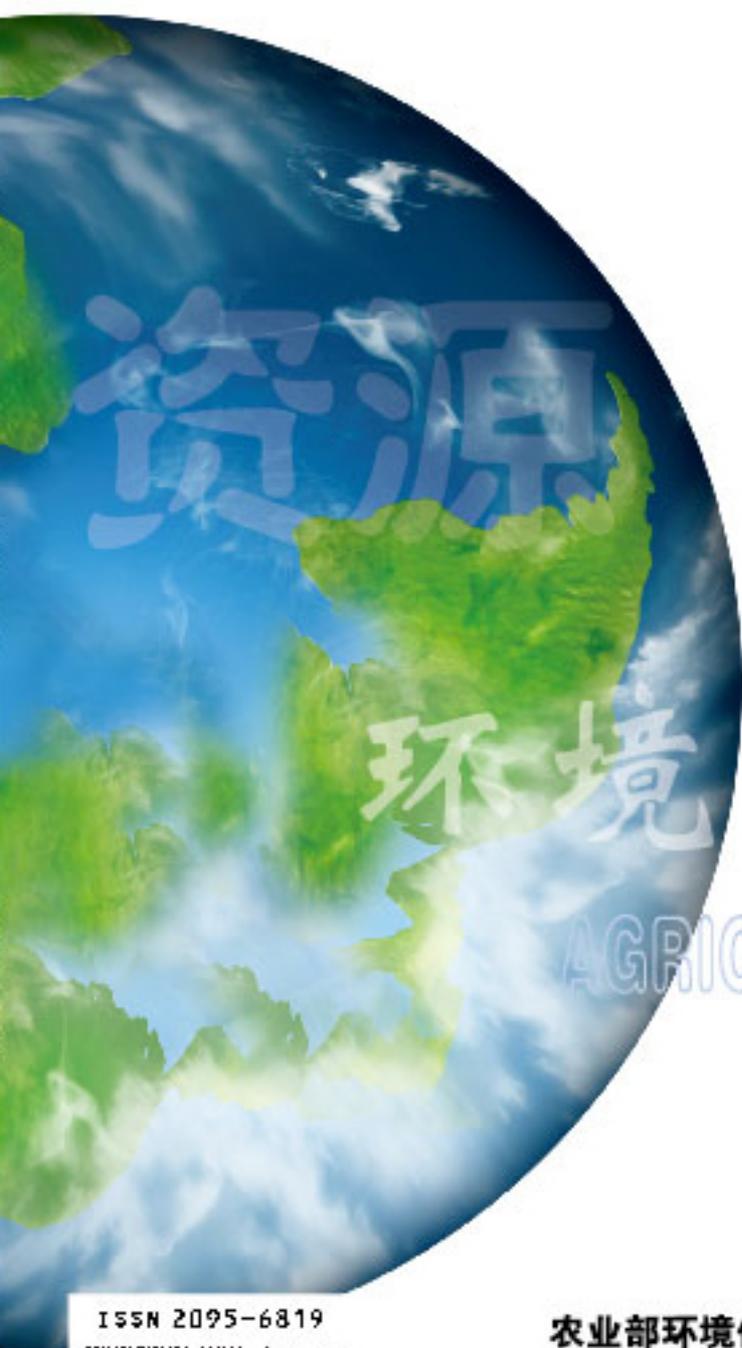


双月刊 ISSN 2095-6819  
CN 12-1437/S  
CODEN NZYHAJ

# 农业资源与环境学报

中国科技核心期刊

## JOURNAL OF AGRICULTURAL RESOURCES AND ENVIRONMENT



2016年5月  
第33卷第3期  
Vol.33 No.3

ISSN 2095-6819



农业部环境保护科研监测所  
中国农业生态环境保护协会 主办

### 战略与综述

蔬菜清洁生产技术补贴支付意愿影响因素研究——以蔬菜残体堆肥化技术应用调查为例

..... 周颖 周清波 甘寿文 王丽英 魏凤友 焦兵华(201)

植物根系细胞抑制镉转运过程的研究进展 ..... 赵艳玲 张长波 刘仲齐(209)

### 土地资源

玛纳斯河流域土壤盐渍化影响因素研究 ..... 郑琦 王海江 李万涛 余露 邵奇(214)

云南会泽铅锌冶炼厂周边土壤重金属污染特征及健康风险评价

..... 刘小燕 陈棉彪 李良忠 胡国成 黄建洪 刘珊 张丽娟 于云江(221)

### 养分资源

几种硝化抑制剂和包硫尿素(SCU)对土壤N素形态和小麦产量的影响

..... 李永强 王雅楣 杨越超 贾继文 解璐晗 姚瑶 焦树英(230)

模拟降雨条件下北运河流域农田养分流失特征 ..... 刘操 马宁 龚明波(238)

### 生物质资源

西北半干旱荒漠草原与耕地土壤可培养微生物多样性及分布特征比较

..... 李彦林 陈吉祥 周永涛 杨智 王永刚 张继义 岳靓(244)

添加水稻秸秆对油菜(*Brassica napus* L.)幼苗生长的影响 ..... 余常兵 胡威 吕驰驰 柯奇画 李银水 庞静(253)

产黄纤维单胞菌 CR-14 菌株诱变选育及发酵条件优化

..... 杨继业 崔冠慧 刁彦花 李亚冰 张根伟 张丽萍 程辉彩(262)

### 产地环境与农产品安全

不同基因型玉米品种对Pb的富集特征 ..... 秦榕璘 李元 祖艳群 湛方栋 陈建军(268)

茶叶氟含量与茶园土壤特性的相关性及其影响因素 ..... 赵明 蔡葵 王文娇 赵征宇 孙永红(276)

### 生物多样性保护

黄河三角洲地区除草剂对紫花苜蓿产量及杂草群落影响的初探 ..... 王国良 张清平 吴波 何峰 盛亦兵(281)

### 数据挖掘与信息化

基于Markov和GM(1,1)模型的土地利用变化预测 ..... 孙仪阳 李贻学 姜怀龙 周迎雪(289)

粮食生产潜力中长期预测的验证

..... 刘书田 李敬亚 米长虹 郑宏艳 黄治平 侯彦林 王农 蔡彦明 王铄今 侯显达(297)

# JOURNAL OF AGRICULTURAL RESOURCES AND ENVIRONMENT

(Bimonthly•Started in 1984)

Vol.33 No.3 May.10, 2016

---

---

- Influence Factors of Willingness to Pay for Vegetable Cleaner Production Technology Subsidies: Taking the Questionnaire Investigation on the Application of Vegetable Residue Composting Technology as an Example  
..... ZHOU Ying, ZHOU Qing-bo, GAN Shou-wen, WANG Li-ying, WEI Feng-you, JIAO Bing-hua(201)
- Inhibiting Cadmium Transport Process in Root Cells of Plants: A Review  
..... ZHAO Yan-ling, ZHANG Chang-bo, LIU Zhong-qi(209)
- Factors Influencing Soil Salinization in Manasi River Basin, China  
..... ZHENG Qi, WANG Hai-jiang, LI Wan-tao, YU Lu, SHAO Qi(214)
- Contaminant Characteristics and Health Risk Assessment of Heavy Metals in Soils from Lead-Zincs Melting Plant in Huize County, Yunnan Province, China ..... LIU Xiao-yan, CHEN Mian-biao,  
LI Liang-zhong, HU Guo-cheng, HUANG Jian-hong, LIU Shan, ZHANG Li-juan, YU Yun-jiang(221)
- Effects of Nitrification Inhibitors and Sulphur Coated Urea(SCU) on Different Nitrogen Sources and Wheat Yield  
..... LI Yong-qiang, WANG Ya-mei, YANG Yue-chao, JIA Ji-wen, XIE Lu-han, YAO Yao, JIAO Shu-ying(230)
- Characteristic of Soil Nutrients Loss in Beiyunhe Reservoir Under the Simulated Rainfall  
..... LIU Cao, MA Ning, GONG Ming-bo(238)
- Diversity and Distribution of Culturable Microbial Communities of Semiarid Desert Steppe and Cultivated Land in Northwestern China ..... LI Yan-lin, CHEN Ji-xiang, ZHOU Yong-tao, YANG Zhi, WANG Yong-gang, ZHANG Ji-yi, YUE Liang(244)
- Allelopathic Effect of Rice Straw on Rape(*Brassica napus* L.) Seedlings  
..... YU Chang-bing, HU Wei, LÜ Chi-chi, KE Qi-hua, LI Yin-shui, PANG Jing(253)
- Screening and Mutation Breeding of the *Cellulomonas flavigena* CR-14 and Optimization of Its Fermentation Conditions  
..... YANG Ji-ye, CUI Guan-hui, XI Yan-hua, LI Ya-bing, ZHANG Gen-wei, ZHANG Li-ping, CHENG Hui-cai(262)
- Accumulation Characteristics of Pb by *Zea Mays* of Different Genotypes  
..... QIN Rong-lin, LI Yuan, ZU Yan-qun, ZHAN Fang-dong, CHEN Jian-jun(268)
- Correlation Between the Content of Fluoride in Tea and Properties of Tea Garden Soil and Its Influencing Factors  
..... ZHAO Ming, CAI Kui, WANG Wen-jiao, ZHAO Zheng-yu, SUN Yong-hong(276)
- Preliminary Study on Effect of Herbicides on Alfalfa Yield and Weed Community Characteristics in Yellow River Delta, China  
..... WANG Guo-liang, ZHANG Qing-ping, WU Bo, HE Feng, SHENG Yi-bing(281)
- Prediction of Land Use Change Based on Markov and GM(1,1) Models  
..... SUN Yi-yang, LI Yi-xue, JIANG Huai-long, ZHOU Ying-xue(289)
- Verification of "Comprehensive Prediction Model" in Medium and Long Term Forecast of Grain Production Potential  
..... LIU Shu-tian, LI Jing-ya, MI Chang-hong, ZHENG Hong-yan,  
HUANG Zhi-ping, HOU Yan-lin, WANG Nong, CAI Yan-ming, WANG Shuo-jin, HOU Xian-da(297)