

目 次

喷淋发芽箱的设计、制作及喷淋发芽检测方法的确定

..... 程莹 李浩卓 张婷婷 王建华 孙群(1)

不同浓度磷胁迫对大豆幼苗生长及根系 DNA 甲基化水平的影响

..... 张文献 李增强 胡亚丽 梁志辰 罗登杰 卢海 唐美琼 陈鹏(9)

苋菜 AmSPL 基因家族转录组鉴定及表达分析

..... 陈家兰 赵春丽 王晓 郑友峰 赖钟雄 刘生财(19)

外源 NO 缓解花生盐胁迫的效果及机理 朱营营 张倩 董元杰(30)

发酵全混合日粮对肉羊消化吸收功能和生长性能的影响研究

..... 王文飞 段娜 姜灵伟 陈锐 赵焕军 刘娟 葛胜修 林聪(40)

不同体况对妊娠初期母牛阴道菌群的影响 刘波 斯木吉德 王纯洁 阿日查

张剑 陈浩 何利娜 张晨 崔银雪 敖日格乐(49)

阿茹拉-7 味散早期干预形成的瘤胃微生物环境对感染致病性大肠杆菌

犊牛免疫力的影响 贾知锋 王纯洁 敖日格乐 贺美玲 张欣

徐进 吕文亭 付鹤 任书男 田艳萍 刘佳乐(58)

西藏牦牛牛支原体的分离鉴定及其生长特性、耐药性分析

..... 王冬经 徐业芬 索朗斯珠 严明帅 赵霞玲 朱勇 牛家强(67)

番鸭产蛋前期和产蛋期肝脏组织非靶向代谢组学比较分析

..... 朱文俊 杨万里 韦聪聪 刘乐 耿照玉 陈兴勇(76)

不同消毒方式对土壤酶活性及土传病原真菌消减的影响

..... 运翠霞 严昌荣 徐明泽 刘恩科 MORMILE Pasquale 董雯怡 刘勤(86)

独脚金内酯的生物合成及其调控

..... 吴转娣 胡鑫 答逢刚 刘新龙 刘家勇 陈学宽 吴才文(97)

高效液相色谱测定小米中叶酸含量方法优化

..... 满夏夏 高豪 闫陆飞 张益娟 孙朝霞 韩渊怀 侯思宇(111)

水稻气压滚筒式集中排种器设计与试验

..... 刘礼阳 唐兴月 祝培栩 谭建伟 雷小龙 任万军(122)

单旋翼油动无人机与圆形果园风送喷雾机作业性能对比试验研究

..... 边永亮 李建平 薛春林 李昕昊 王鹏飞(134)

计及补偿电价农村空气源热泵优化控制策略

..... 张新鹤 蒋利民 黄伟 刘强 董彦君 刘珂 苏娟 杜松怀(142)

我国马铃薯区域格局演变及其影响因素分析 张炼 罗其友 马力阳(151)

生态文明理念下我国农村国土综合整治分区及实施路径

..... 李向 胡业翠 郑新奇 宋荣(161)

功能价值视角下农民宅基地自愿有偿退出补偿标准测算方法 刘丹 巩前文(173)

农业机械化对粮食生产的空间溢出效应

——基于江苏省 13 个地级市的空间计量分析 吴智豪 党敬淇 季晨(184)

高地租必然不利于农户保护耕地质量吗?

——基于广西的问卷调查 钱龙 冯永辉 陆华良 陈会广(200)

《中国农业大学学报》第 25 卷(2020 年)总目次 (I)

(卷终)

CONTENTS

- Design and production of spraying germination box and determination of
spraying germination test method CHENG Ying , LI Haozhuo ,
ZHANG Tingting , WANG Jianhua , SUN Qun(1)
- Effects of different concentrations of phosphorus stresses on soybean (*Glycine max L.*)
seedling growth and DNA methylation in root system
..... ZHANG Wenxian , LI Zengqiang , HU Yali , LIANG Zhichen ,
LUO Dengjie , LU Hai , TANG Meiqiong , CHEN Peng(9)
- Transcriptome-wide identification and expression analysis of *AmSPL* family members in
Amaranthus tricolor L. CHEN Jialan , ZHAO Chunli , WANG Xiao ,
ZHENG Youfeng , LAI Zhongxiong , LIU Shengcai(19)
- Effects of exogenous nitric oxide on the physiological characteristics of peanut seedlings
under salt stress ZHU Yingying , ZHANG Qian , DONG Yuanjie(30)
- Effect of fermented total mixed ration on digestion-absorption function and growth
performance of mutton sheep WANG Wenfei , DUAN Na , JIANG Lingwei ,
CHEN Rui , ZHAO Huanjun , LIU Juan , GE Shengxiu , LIN Cong(40)
- Comparison of the vaginal flora diversity of cows in early pregnancy with different
body conditions LIU Bo , Simujide , WANG Chunjie , Aricha , ZHANG Jian ,
CHEN Hao , HE Lina , ZHANG Chen , CUI Yinxue , Aorige(49)
- Effect of rumen microbiota environment formed by Baatar-7 powder early intervention
on immunity of calves infected with pathogenic *Escherichia coli*
..... JIA Zhifeng , WANG Chunjie , Aorige , HE Meiling , ZHANG Xin ,
XU Jin , LV Wenting , FU He , REN Shunan , TIAN Yanping , LIU Jiale(58)
- Isolation, identification, growth characteristics and drug resistance analysis of *Mycoplasma bovis*
from Tibetan yak WANG Dongjing , XU Yefen , SUO Langsizhu ,
YAN Mingshuai , ZHAO Xialing , ZHU Yong , NIU Jiaqiang(67)
- Comparative analysis of nontargeted metabolomics in liver tissue of Muscovy duck in
pre-laying and laying stages ZHU Wenjun , YANG Wanli , WEI Congcong ,
LIU Le , GENG Zhaoyu , CHEN Xingyong(76)
- Effects of different soil disinfection methods on soil enzyme activities and soil-borne diseases
..... YUN Cuixia , YAN Changrong , XU Mingze , LIU Enke ,
MORMILE Pasquale , DONG Wenyi , LIU Qin(86)

- Biosynthesis and regulation of strigolactone WU Zhuandi , HU Xin , ZAN Fenggang , LIU Xinlong , LIU Jiayong , Chen Xuekuan , WU Caiwen(97)
- Optimization of determination of folic acid in foxtail millet by HPLC MAN Xiaxia , GAO Hao , YAN Lufei , ZHANG Yijuan , SUN Zhaoxia , HAN Yuanhuai , HOU Siyu(111)
- Design and experiment of pneumatic cylinder-type centralized seed-metering device for rice LIU Liyang , TANG Xingyue , ZHU Peixu , TAN Jianwei , LEI Xiaolong , REN Wanjun(122)
- A comparative study on the performance of single-rotor oil-propelled UAV and circular air-fed orchard sprayer BIAN Yongliang , LI Jianping , XUE Chunlin , LI Xinhao , WANG Pengfei(134)
- An optimal management strategy for air source heat pumps considering compensation price ZHANG Xinhe , JIANG Limin , HUANG Wei , LIU Qiang , DONG Yanjun , LIU Ke , SU Juan , DU Songhuai(142)
- Analysis of the evolution of potato regional pattern in China and its influencing factors ZHANG Shuo , LUO Qiyou , MA Liyang(151)
- Regionalization and implementation of rural integrated territory consolidation in China under the concept of ecological civilization LI Xiang , HU Yecui , ZHENG Xinqi , SONG Rong(161)
- Calculation method of compensation criteria for farmers' voluntary withdrawal from homestead under the perspective of functional value LIU Dan , GONG Qianwen(173)
- Spatial spillover effect of agricultural mechanization on grain production:
Based on spatial econometric analysis of 13 cities in Jiangsu Province WU Zhihao , DANG Jingqi , JI Chen(184)
- Is high land rent not conducive to protecting the quality of farmland?
Based on a survey of farmers in Guangxi QIAN Long , FENG Yonghui , LU Hualiang , CHEN Huiguang(200)

Total Contents of China Agricultural University (Vol. 25, 2020) (I)

(Volume end)