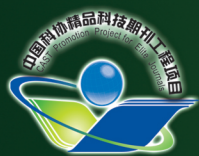


中文核心期刊
中国科学引文数据库 (CSCD) 核心期刊
英国 CABI 文摘数据库来源期刊
中国科技核心期刊
中国精品科技期刊

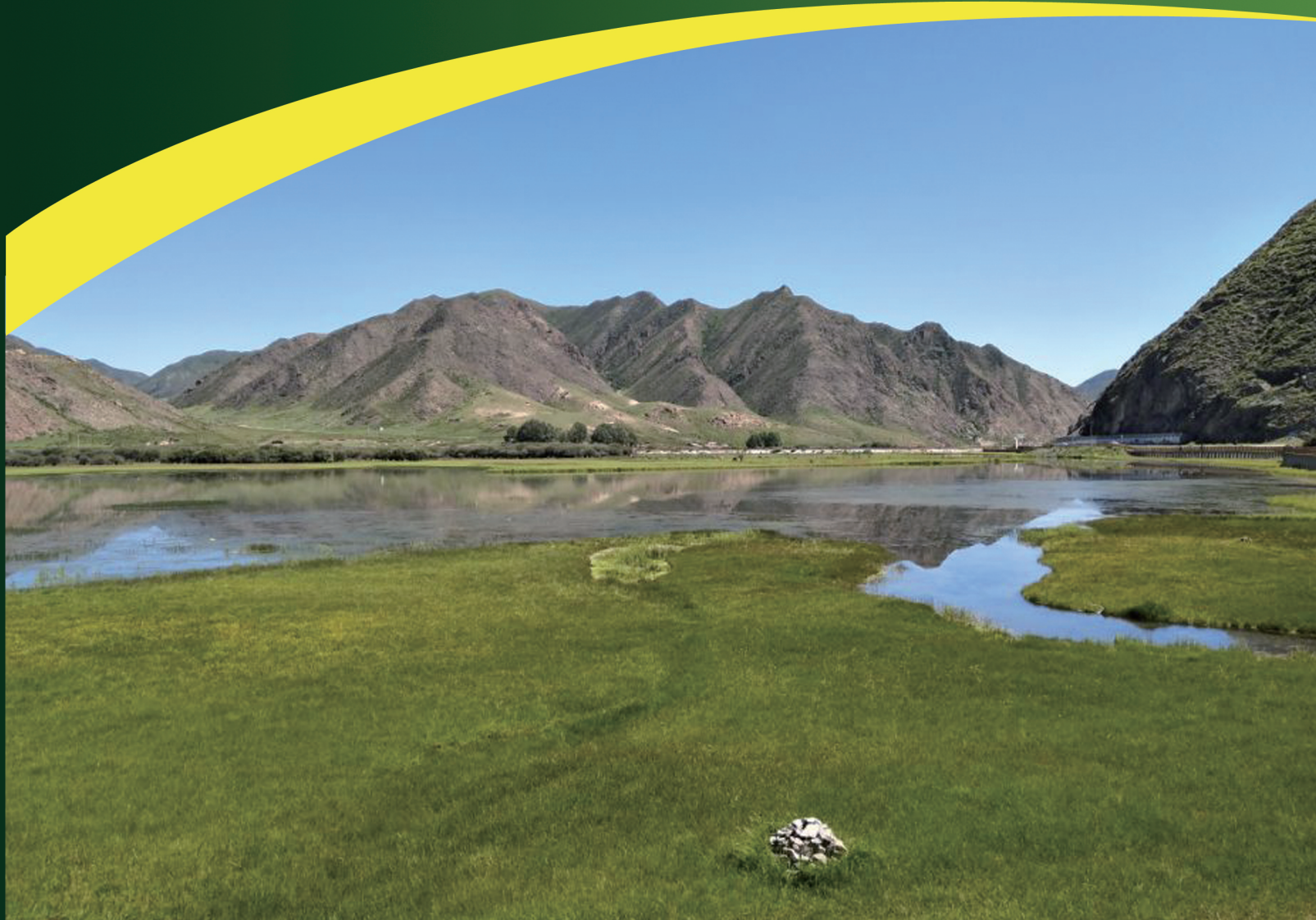
ISSN 1001-0629
CN 62-1069/S



草业科学

PRATACULTURAL SCIENCE

第35卷第9期 2018年9月



中国草学会 主办
兰州大学草地农业科技学院

草业科学

CAOYE KEXUE

第 35 卷第 9 期(总第 302 期)

2018 年 9 月

目 次

专 论

养殖业的农业伦理学之度

董世魁,任继周,方锡良,杨明岳,张静,祁百元(2059)

前植物生产层

阿巴嘎旗典型草原植物物种多样性与地上生物量的关系

陈加际,常生华,王召锋,彭泽晨,程云湘,陈先江,侯扶江(2068)

哈茨木霉对紫羊茅和草地早熟禾的促生及抗性诱导作用

谢琳森,常春丽,姚志红,王洪瑞,赵冬雪,张荣沫,敖红(2079)

水杨酸甲酯对东北玉簪单宁含量和抗虫相关酶活性的影响

邓雅楠,严俊鑫,杨慧颖,许凌欣(2087)

香樟凋落叶分解对 3 种草坪草的化感作用

张淑珍,张帆,董姬妃,张可,崔杰,巫晓璐(2095)

坡位对乳白香青种群特征及雌雄株形态可塑性的影响

刘航江,宗人旭,刘金平,游明鸿,苟蓉(2105)

鱼鳞坑生态恢复措施对宁夏典型草原植物群落特征的影响

蔡育蓉,陆琪,吴宛萍,周瑶,贾希洋,宿婷婷,马红彬,胡艳莉(2115)

基于 BP 神经网络的草原矿区表层土壤 N/P 高光谱反演模型

卢志宏,刘辛瑶,常书娟,杨胜利,赵薇薇,杨勇,刘爱军(2127)

气象因子对青藏高原高寒草甸参考蒸散的驱动特征

戴黎聪,曹莹芳,柯浔,张法伟,杜岩功,郭小伟,曹广民(2137)

植物生产层

基于水活度测定草类植物种子含水量

陈利军,王靖靖,陈香来,胡小文(2148)

66 份白三叶种质资源萌发期耐盐性综合评价

张志飞,武建新,曾宁波,穆麟,张鹤山,文昭竹(2157)

旱盐双重胁迫对乌拉尔甘草幼苗生理生化特性的影响

耿广琴,谢晓蓉(2166)

6-BA 对盐胁迫下老芒麦幼苗生长及生理特性的影响

何丽娟,祁娟,马红萍,吴召林,金鑫,孙守江,刘文辉(2174)

复合菌肥对岷山红三叶生产性能和营养品质的影响

武慧娟,张榕,李智燕,姚拓,张洁,谭立伟,周栋昌(2183)

微生物肥对羊草植被特征和化学计量学的影响

温超,单玉梅,贾伟星,高丽娟,杨晓松,斯日古楞,张军,刘永志(2192)

刈割对草甸草原羊草、无芒雀麦再生和碳水化合物含量的影响

肖红,杨合龙,戎郁萍,杨晗(2201)

苜蓿+禾草混播方式对二龄混播草地牧草产量的影响

张永亮,潘东,吴明浩(2210)

模拟酸雨对桑树叶片生长及其光系统Ⅱ活性的影响

王月,许博涛,滕志远,张书博,张秀丽,孙广玉(2220)

鸭茅的分子育种

唐露,张新全,黄琳凯,张旭,赵欣欣,聂刚,许蕾(2230)

野豌豆属栽培牧草根部分入侵真菌病害研究进展

马莉霞,王琮,李应德,南志标,段廷玉(2241)

动物生产层

藏羊和小尾寒羊生长性能及血液生理指标对不同能量低氮日粮的响应特性

郭亚敏,王文基,景小平,康婧鹏,周建伟,许卫星,龙瑞军(2252)

应用 Rusitec-S 系统研究甘露寡糖对绵羊体外瘤胃发酵的影响

张然,郑琛,韩海珠,雒瑞瑞,李彦珍,朱伟(2262)

后生物生产层

干燥温度和提取方法对蛋白桑 1-Deoxynojirimycin 提取量的影响

韩蕴琦,柴鸿勋,马召稳,王占彬,李旺(2270)

玉米和米糠对两个马铃薯品种茎叶青贮品质的影响

雒瑞瑞,何玉鹏,郭艳丽,郑琛(2277)

巨型稻与超级稻秸秆营养成分及饲用价值

崔延春,王曼玲,吴端钦,夏新界(2285)

牧民对青藏高原草地磷源变化的认知

龚毅帆,曹建军,杨书荣,许雪贇,李梦天(2291)

业界信息

(2067,2156,2173,2261,2276,Ⅰ,Ⅱ,Ⅴ,Ⅵ)

封面照片:野豌豆属作物是重要的饲草、粮食和绿肥作物,具有水土保持、防风固沙和药用等价值。本期作者马莉霞等(PP:2241-2251)归纳了野豌豆属栽培牧草根部分入侵真菌病害的种类、病害发生的影响因子、病害对牧草的影响及防控措施。(封面照片为野豌豆属箭筈豌豆与高山草原 由兰州大学草地农业科技学院 马莉霞 提供)

期刊基本参数:CN 62-1069/S * 1984 * m * A4 * 240 * zh * P * ¥20.00 * 4000 * 26 * 2018-09 * n

PRATACULTURAL SCIENCE

Monthly Vol.35 No.9 September 2018

CONTENTS

Agricultural ethnic degree of animal husbandry

..... DONG Shikui, REN Jizhou, FANG Xiliang, YANG Mingyue, ZHANG Jing, QI Baiyua(2059)

The relationship between plant species diversity and above-ground biomass in a typical steppe in Abaga Banner

..... CHEN Jiaji, CHANG Shenghua, WANG Zhaofeng, PENG Zechen,
CHENG Yunxiang, CHEN Xianjiang, HOU Fujian(2068)

Growth promotion and resistance induction effect of *Trichoderma harzianum* on *Festuca rubra* and *Poa pratensis*

..... XIE Linmiao, CHANG Chunli, YAO Zhihong, WANG Hongrui,
ZHAO Dongxue, ZHANG Rongshu, AO Hong(2079)

Effect of methyl salicylate on tannin content and the activity of five insect-related enzyme in *Hosta ensata*

..... DENG Yanan, YAN Junxin, YANG Huiying, XU Lingxin(2087)

Allelopathic effects of decomposing *Cinnamomum camphora* leaf litter on three turfgrasses

..... ZHANG Shuzhen, ZHANG Fan, DONG Jifei, ZHANG Ke, CUI Jie, WU Xiaolu(2095)

Impact on slope position about population characteristics and morphological plasticity of the dioecious herb *Anaphalis lactea*

..... LIU Hangjiang, ZONG Renxu, LIU Jinping, YOU Minghong, GOU Rong(2105)

Effect of fish-scale pit ecological restoration on plant community characteristics in a typical steppe in Ningxia

..... CAI Yurong, LU Qi, WU Wanping, ZHOU Yao, JIA Xiyang, SU Tingting, MA Hongbin, HU Yanli(2115)

Hyperspectral inversion of the surface soil N/P ratio in a grassland mining area based on the BP neural network

..... LU Zhihong, LIU Xinyao, CHANG Shujuan, YANG Shengli, ZHAO Weiwei, YANG Yong, LIU Aijun(2127)

Response of reference evapotranspiration to meteorological factors in alpine meadows on the Qinghai-Tibet Plateau

..... DAI Licong, CAO Yingfang, KE Xun, ZHANG Fawei, DU Yangong, GUO Xiaowei, CAO Guangmin(2137)

Determination of seed moisture content based on seed water activity

..... CHEN Lijun, WANG Jingjing, CHEN Xianglai, HU Xiaowen(2148)

Comprehensive evaluation of salt tolerance of 66 white clover germplasm resources at the germination stage

..... ZHANG Zhifei, WU Jianxin, ZENG Ningbo, MU Lin, ZHANG Heshan, WEN Zhaozhu(2157)

Effect of drought and salt stress on the physiological and biochemical characteristics of *Glycyrrhiza uralensis*

..... GENG Guangqin, XIE Xiaorong(2166)

- Effect of 6-BA on the growth and physiological characteristics of *Elymus sibiricus* seedlings under salt stress
 HE Lijuan, QI Juan, MA Hongping, WU Zhaolin, JIN Xin, SUN Shoujiang, LIU Wenhui(2174)
- Effect of compound microbial fertilizer on growth performance and nutritional quality of *Trifolium pratense* ‘Minshan’
 WU Huijuan, ZHANG Rong, LI Zhiyan, YAO Tuo, ZHANG Jie, TAN Liwei, ZHOU Dongchang(2183)
- Effect of bio-fertilizers on vegetation characteristics and stoichiometry of *Leymus chinensis*
 WEN Chao, SHAN Yumei, JIA Weixing, GAO Lijuan, YANG Xiaosong,
 Siriguleng, ZHANG Jun, LIU Yongzhi(2192)
- Effect of clipping on the regrowth and carbohydrate content of *Leymus chinensis* and *Bromus inermis* in meadow steppes
 XIAO Hong, YANG Helong, RONG Yuping, YANG Han(2201)
- Effect of mixed alfalfa and grass cultivation on the forage yield of grasslands after two-year mixed sowing
 ZHANG Yongliang, PAN Dong, WU Minghao(2210)
- Effect of simulated acid rain on the growth and photosystem II in the leaves of mulberry seedlings
 WANG Yue, XU Botao, TENG Zhiyuan, ZHANG Shubo, ZHANG Xiuli, SUN Guangyu(2220)
- A review of molecular breeding in *Dactylis glomerata*
 TANG Lu, ZHANG Xinquan, HUANG Linkai, ZHANG Xu, ZHAO Xinxin, NIE Gang, XU Lei(2230)
- Research progress on root invading fungal diseases of cultivated forage *Vicia* species
 MA Lixia, WANG Qiong, LI Yingde, NAN Zhibiao, DUAN Tingyu(2241)
- Effect of dietary with different energy level to Tibetan and small-tailed Han sheep on the growth performance and blood physiological indexes under the low nitrogen condition
 GUO Yamin, WANG Wenji, JING Xiaoping, KANG Jingpeng, ZHOU Jianwei, Xu Weixing, Long Ruijun(2252)
- Effect of mannan oligosaccharides on ruminal fermentation of sheep in an in vitro Rusitec-S system
 ZHANG Ran, ZHENG Chen, HAN Haizhu, LUO Ruirui, LI Yanzhen, ZHU Wei(2262)
- Effect of different drying temperatures and extraction methods on the amount of 1-deoxynojirimycin extracted from
Morus alba HAN Yunqi, CHAI Hongxun, MA Zhaowen, WANG Zhanbin, LI Wang(2270)
- Effect of corn and rice bran on fermentation characteristics of stems and leaves silage from two potato varieties
 LUO Ruirui, HE Yupeng, GUO Yanli, ZHENG Chen (2277)
- Nutritive components and feed value of giant rice and super hybrid rice straw
 CUI Yanchun, WANG Manling, WU Duanqin, XIA Xinjie(2285)
- Understanding of herders regarding the change of phosphorus source in grassland on the Qinghai-Tibetan Plateau
 GONG Yifan, CAO Jianjun, YANG Shurong, XU Xueyun, LI Mengtian(2291)