

中国牛业科学

CHINA CATTLE SCIENCE

(原黄牛杂志)

双月刊 1975 年创刊

2024 年第 50 卷第 5 期 总第 252
期 2024 年 10 月

主管单位

中华人民共和国教育部

主办单位

西北农林科技大学

中国良种黄牛育种委员会

编辑出版

《中国牛业科学》编辑部

通讯地址

陕西杨凌西北农林科技大学北校区
动物科技学院内, 邮编: 712100; 电话:
029-87091423; 传真: 029-
87092164; E-mail: huangn2002813@
aliyun.com; QQ: 810620920

印刷单位

陕西森奥印务有限公司

国内总发行

全国各地邮局

主编

陈宏

执行副主编

张琪

责任编辑

张琪

英文编辑

王昕

邮发代号: 52—113

广告许可证: 咸工商广字 03—104

协办单位

中国西门塔尔牛育种委员会

陕西省秦川牛产业协会

云南省草地动物科学研究院

目 次

- 科学试验 · 利用基因组重测序技术鉴定彭阳县夏洛莱牛的纯度 何亮宏, 杨启文, 邓占钊, 王楠, 雷初朝, 梁小军(1)
- 不同饲养方式及福利化管理措施对关岭牛架子母牛生长发育的影响 陈祖鸿, 符世雄, 马平, 张仁以, 封竣淇, 李平, 孙新明(6)
- 哈密市牛环形泰勒虫病诊断与治疗 李文, 罗生金, 张梦圆, 樊新丽(11)
- 不同抗冻剂对公牛精液冷冻效果的研究 权约海, 杨强, 朱新培, 高玉琼, 毛翔光, 隋敏敏, 王丽瑄, 张洁, 李雯, 黄必志, 赵家才(17)
- 母牛常见繁殖障碍调查和治疗效果 李乔仙, 洪泽宣, 赵婷婷, 杨凯, 武晓倩, 刘彦培, 黄佑发, 王吉, 张继才(21)
- 蜂窝牛粪与几种常规燃料的热效能及有害气体释放量测定比较 何茂昌, 杨军祥, 郭海龙, 陈海明, 尚涛(25)
- 基于生态承载力和秸秆资源的河南省牛养殖潜力分析 聂胜委, 张巧萍, 罗鹏, 闫祥洲, 潘秀燕, 王辉, 李金平(29)
- 调查研究 · 基于 SWOT 分析的延边黄牛产业发展对策研究 柏鹏宇, 刘文静(37)
- 专 论 · 四川省凉山州畜禽种质资源保护与利用现状及对策 孙艳, 符俊, 王强, 陈鲁喜, 黄卫平(41)
- 凉山州肉牛寄生虫病防控工作存在问题与思考 周国燕, 王强, 陈鲁喜, 孙艳, 黄剑锋, 张涛, 胡波涛, 钱东, 李忠文(47)
- 埃塞俄比亚奶牛与肉牛产业发展现状及前景 李雨芙, 刘旭, 赵海渝, 雷初朝, Ahmed Ebadu Areb, 蓝贤勇(51)
- 西藏林芝市牦牛产业发展存在的问题与对策 李新彤, 杨兴龙(56)
- 综 述 · 影响哺乳期犊牛消化的因素及科学饲喂措施 左雅楠, 毛泽楠, 吕昕哲, 张清阳, 齐格, 纪玉凤, 陈涛, 朱凯(60)
- 技术推广 · 乡村振兴背景下人畜分离集中养殖区设计及建造思路探讨 王占强(65)
- 农村养牛降本增效技术 毛力权(67)
- 天祝白牦牛养殖技术创新与推广模式探讨 何元萍(69)
- 新国标下如何提高种公牛冷冻精液生产效益 全凡凡, 胡立昌, 易川奇, 叶敏, 余毅, 汪稳(72)
- 肉牛高效育肥技术探讨 封贊, 岳怡冰, 王武生, 李欣森, 马伟东, 雷初朝, 黄永震, 张金川(76)
- 牛病防治 · 巴山牛胡峰中毒的诊治 彭忠宏, 陈兴寿, 陈元益, 何芳, 张嘉俊(82)
- 教学园地 · 《动物试验设计与数据分析》课程案例库建设与应用 胡磊, 依明, 苏莱曼, 臧长江, 陈秋明, 张梦华, 王丹, 黄锡霞(84)
- 基于培养应用型人才民族地区高校动物繁殖学教学改革 赖安强, 孙才云, 陈禧, 陈彬龙, 黄志秋, 张谊(88)
- 智慧教育背景下高校遗传学教学改革的探索 朱喜玲, 宋晓慧, 张玉波, 常向彩, 马明(92)
- 信 息 · 2025 年全国畜牧兽医期刊征订目录 (封二)
- 公益广告 (封三)

CHINA CATTLE SCIENCE

(Formerly the Journal of Yellow Cattle)

(Bimonthly, started in 1975)

(2024, Vol. 50, No. 5 (total 252), Oct, 2024)

Department in Charge

Ministry of Education of the People's Republic of China

Sponsored by

Northwest A&F University

Chinese Yellow Cattle Breeding Committee

Edited and Published by

Editorial Department of China Cattle Science

Address

College of Animal Science and Technology, Northwest A&F University, Yangling, Shaanxi, China. Postcode: 712100, Tel: 029-87091423; Fax: 029-87092164;
E-mail: huangn2002813@aliyun.com; QQ: 810620920

Printed by

Senao Printing Limited Company of Shaanxi

Distributed in China by

Post Offices in China

Editor-in-Chief

Prof. Dr. Chen Hong

Director of the Editorial Department

ZHANG Qi

Responsible Editor

ZHANG Qi

English Editor

Prof. Dr. WANG Xin

Code of Post Office Distribution: 52 - 113

License of Advertisement: Xian Industrial and

Commercial Ad No. 03 - 104

Assisted by

Breeding Committee of Chinese Simmental Cattle

Association of Qinchuan Cattle Industry

Yunnan Academe of Grassland and Animal Science

Main Contents

- Assessment of Genetic Purity in Charolai Cattle in Pengyang County Using Whole Genome Re-Sequencing HE Liang-hong, YANG Qi-wen, DENG Zhan-zhao, WANG Nan, LEI Chu-zhao, LIANG Xiao-jun(1)
- Effects of Different Feeding Methods and Welfare Management Measures on the Growth and Development of Guanling Cattle CHEN Zu-hong, FU Shi-xiong, MA Ping, ZHANG Ren-yi, FENG Jun-qi, LI Ping, SUN Xin-ming(6)
- Diagnosis and Treatment of Bovine Theileriosis in Hami City LI Wen, LUO Sheng-jin, ZHANG Meng-yuan, FAN Xin-li(11)
- Study on the Freezing Effect of Different Antifreeze Agents on Bull Semen QUAN Yuehai, YANG Qiang, ZHU Xin-pei, GAO Yu-qiong, MAO Xiang-guang, SUI Min-min, WANG Li-xuan, ZHANG Jie, LI Wen, HUANG Bi-zhi, ZHAO Jia-cai(17)
- Investigation and Treatment Effects of Common Reproductive Disorders in Cows LI Qiao-xian, HONG Ze-xuan, ZHAO Ting-ting, YANG Kai, WU Xiao-qian, LIU Yan-pei, HUANG You-fa, WANG Ji, ZHANG Ji-cai(21)
- Comparison of Thermal Efficiency and Emission of Harmful Gas Released Between Honeycomb Cattle Manure and Several Conventional Fuels HE Mao-chang, YANG Jun-xiang, GUO Hai-long, CHEN Hai-ming, SHANG Tao(25)
- The Rational and Potential Cattle Capacity Based on Ecological Carrying Capacity and Crop Straw Resources in Henan Province NIE Sheng-wei, ZHANG Qiao-ping, LUO Peng, YAN Xiang-zhou, PAN Xiu-yan, WANG Hui, LI Jin-ping(29)
- Study on the Development Strategies of Yanbian Cattle Industry Based on SWOT Analysis BAI Peng-yu, LIU Wen-jing(37)
- Countermeasures of Protection and Utilization of Livestock and Poultry Germplasm Resources in Liangshan Prefecture of Sichuan Province SUN Yan, FU Jun, WANG Qian, CHENG Lu-xi, HUANG Wei-ping(41)
- Problems and Thoughts on Prevention and Control of Beef Parasitic Disease in Liangshan ZHOU Guo-yan, WANG Qiang, CHEN Lu-xi, SUN Yan, HUANG Jian-feng, ZHANG Tao, HU Bo-tao, QIAN Dong, LI Zhong-wen(47)
- Current Status and Prospects of the Dairy and Beef Cattle Industry Development in Ethiopia LI Yu-fu, LIU Xu, ZHAO Hai-yu, LEI Chu-chao, Ahmed Ebadu Areb, LAN Xian-yong(51)
- Problems and Countermeasures of Yak Industry Development in Nyingchi of Tibet LI Xin-tong, YANG Xing-long(56)
- Factors affecting digestion and Scientific feeding measurements of lactating calves ZUO Ya-nan, MAO Ze-nan, LV Xin-zhe, ZHANG Qing-yang, QI Ge, JI Yu-feng, CHEN Tao, ZHU Kai(60)
- Discussion on the design and Construction Ideas of Centralized Breeding Areas for Separating Humans and Livestock in the Context of Rural Revitalization WANG Zhan-qiang(65)
- Discussion on the Technology Innovation and Promotion Mode of Tianzhu white Yakbreeding He yuan-ping(69)
- How to Improve the Production Efficiency of Frozen semen of Breeding Bulls under the New National Standard QUAN Fan-fan, HU Li-chang, YI Chuan-qi, YE Min, YU Yi, WANG Wen(72)
- Exploration of Efficient Fattening Techniques for Beef Cattle FENG Yun, YUE Yi-bing, WANG Wu-sheng, LI Xin-miao, MA Wei-dong, LEI Chu-zhao, HUANG Yong-zhen, ZHANG Jin-chuan(76)
- Construction and Application of a Case Repository for the Course "Experimental Design and Data Analysis in Animal Studies" LEI Xu, Yiming · Sulaiman, ZANG Chang-jiang, CHEN Qiu-ming, ZHANG Meng-hua, HUANG Xi-xia(84)
- Teaching Reform of Animal Reproduction in Ethnic Minority Areas University Based on Cultivating Application-oriented Talents LAI An-qiang, SUN Cai-yun, CHEN Xi, CHEN Bin-long, HUANG Zhi-qiu, ZHANG Yi(88)
- Exploration of the Reform of Genetics Teaching in Universities under the Background of Smart Education ZHU Xi-ling, SONG Xiao-hui, ZHANG Yu-bo, CHANG Xiang-cai, MA Ming(92)