

中国畜牧杂志

CHINESE JOURNAL OF ANIMAL SCIENCE

主管：中国科学技术协会

主办：中国畜牧兽医学会

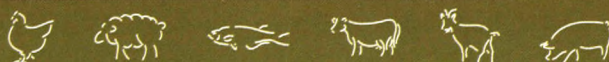
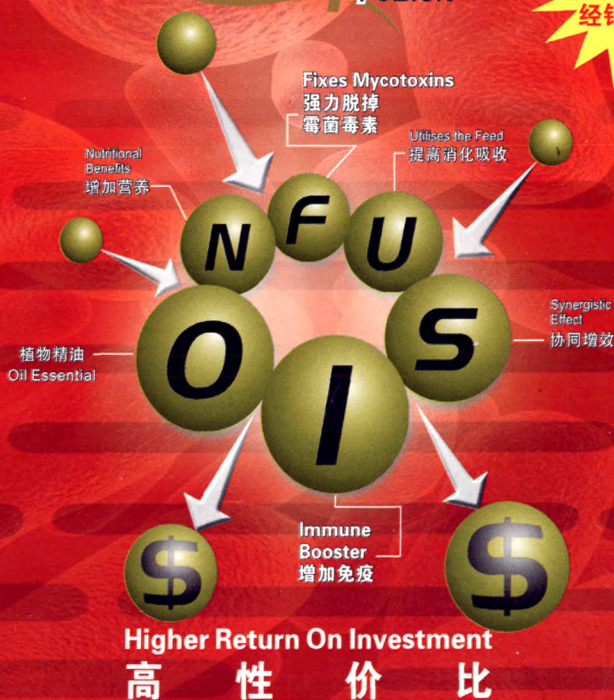
互动网站：www.boyar.cn

新一代霉菌毒素脱毒剂
The Next Generation of Toxin Binder

好力盾®

FUSION

诚招各地
经销商、代理商！



M 美瑞泰科
MERITECH

广州美瑞泰科生物工程技术有限公司
英国美瑞康(广州)生物科技有限公司
www.meritech.com.cn www.meriden-fusion.com
办公电话：020-2882-9508 热线电话：020-2882-9512

Meriden
美瑞康



11>

全国中文核心期刊
美国CA收录期刊
中国期刊入网期刊

中国科学引文数据库来源期刊
中国学术期刊评价数据库来源期刊

2012. 11

科技

中国畜牧杂志

11

2012

第48卷第11期

半月刊

遗传育种

SPAG6基因多态性对种公鸡精液品质和性发育相关性状的影响

…毕瑜林,陈继兰,刘冉冉,郑麦青,朱 静,常国斌,赵桂苹,文 杰,陈国宏(1)

采用微卫星 DNA 标记分析巢湖鸭异地小群保种效果

…张 扬,黄正洋,陈 阳,甄 霆,陈昌义,段修军,董 飏,徐 琪,陈国宏(7)

大足黑山羊与周边黑山羊品种(群体)mtDNA D-loop 序列多态性研究

…………… 张旭刚,李周权,赵中权,张家骅(11)

猪PPARs基因在胚胎附植期子宫内膜表达特性研究

…………… 李京励,孔路军,王爱国,李爱赞,陈 晓,傅金奎(15)

马身猪肌肉生长抑制素基因启动区的SNPs多态性与生产性能的相关性

…………… 关学敏,段玲欣,朱文进,苏咏梅,郭传甲(18)

繁殖生理

LiCl 激活经典 Wnt 信号通路诱导猪骨骼肌卫星细胞向慢肌分化

…………… 杨秋梅,刘月光,沈清武,史新城,杨公社(21)

兔乳腺上皮细胞凋亡与泌乳量的相关性研究

…………… 黄小丹,孙 斌,李广兴(28)

营养饲料

黄曲霉毒素降解菌对饲喂含 AFB₁ 霉变玉米日粮蛋鸡生产性能和蛋品质的影响

…………… 赵丽红,高 欣,马秋刚,范 斌,李笑樱,雷元培,郑文革,计 成(31)

自然霉变玉米及添加甘露寡糖对断奶仔猪肝脏结构与功能的影响

…………… 张 玲,陈代文,雷晓娅,姚 英,毛湘冰,郑 萍,余 冰(36)

甘氨酸亚铁对肉仔鸡生产性能和免疫机能及抗氧化指标的影响

…………… 冯国强,吴 静,方翠林,马文强,冯 杰(42)

ZHONGGUO XUMU ZAZHI

承办 中国农业大学动物科学技术学院 北京博亚和讯农牧技术有限公司

不同 β -胡萝卜素水平对山羊血清抗氧化指标的影响

..... 刘明美,严宏祥,邬彩霞,赵国琦(46)

β -胡萝卜素对蛋鸡生产性能的影响

..... 李俊营,詹凯,吴俊锋,朱由彩,刘伟,唐焰(49)

日粮蛋白质进食量对杂交育成母牛氮代谢的影响

..... 黄洁,申跃宇,姜军,李强,莫放(52)

动物保健

中药复方对夏季肉牛血液常规参数和血清离子浓度的影响

..... 汪水平,王文娟,左福元,周沛,赵建军,张家骅(55)

动物生产

热应激对荷斯坦奶牛体温和呼吸的影响

..... 姚焰础,江山,肖融,黄健,杜瑞平,高民(59)

地面平养和笼养对青脚麻鸡生产性能和屠宰性能的影响

..... 舒刚,杨志勤,王家秀(63)

综述

共轭亚油酸对猪脂肪代谢调控及其作用机制的研究进展

..... 苏展,黄金秀,左福元,刘作华,游小燕(66)

论理想AA模式在蛋鸡营养中的应用

..... 刘庚,任冰,武书庚,高玉鹏,齐广海(71)

多不饱和脂肪酸在养猪生产中应用的研究进展

..... 郭金枝,李藏兰(76)

Chinese Journal of Animal Science

Vol. 48, No. 11, 2012

Semi-monthly

Started in 1953

Jun.10th , 2012

Supervised by: China Association for Science and Technology

Sponsored by: Chinese Association of Animal Science and Veterinary Medicine

Published by: Chinese Journal of Animal Science and Veterinary Medicine Co., Ltd

Address: College of Animal Science and Technology, China Agricultural University, Beijing 100193, China

Tel.: (86-10)62732723 62734608

Fax: (86-10)62734608

E-mail: zgxmzz@cau.edu.cn(Contribution)

adman@boyar.cn(Advertisement)

Website: <http://zgxm.chinajournal.net.cn>

Editor-in-Chief: Li De-fa

Administrative Vice Editor: Lai Chang-hua

Vice Editor: Zhu Shi-en

Director: Kong Ping-tao

Marketing Director: Zhu Xiao-juan

Chief Planner: Wang Bi-yong

Oversea Distributor: China International Book Trading Corp.

(Guo-Ji Shudian), P.O. Box 399, Beijing, China

Oversea P.O. Registration No. SM 452

Subscription Rate: US \$15.00 (per Copy)

US \$360.00(per Year)

For reproduction of any articles and pictures from Chinese Journal of Animal Science. Please indicate the source and send us a sample book.

Selected Contents

Genetics and Breeding

Effects of Polymorphism of *SPAG6* Gene on Sperm Quality and Sexual Development-related Traits in Breeder Cocks

..... BI Yu-lin, CHEN Ji-lan, LIU Ran-ran, ZHENG Mai-qing, ZHU Jing, CHANG Guo-bin, ZHAO Gui-ping, WEN Jie, CHEN Guo-hong (1)

Conservation Efficiency of Chaohu Duck on Allopatry Farm as Revealed by Microsatellite Markers

..... ZHANG Yang, HUANG Zheng-yang, CHEN Yang, ZHEN Ting, CHEN Chang-yi, DUAN Xiu-jun, DONG Biao, XU Qi, CHEN Guo-hong (7)

Expression of *PPARs* Gene in Pig Endometrium of Implantation

..... LI Jing-li, KONG Lu-jun, WANG Ai-guo, LI Ai-yun, CHEN Xiao, FU Jin-luan (15)

Reproduction and Physiology

Activation Canonical Wnt Signaling by LiCl Induces Porcine Skeletal Muscle Satellite Cells Differentiation into Slow Muscle

..... YANG Qiu-mei, LIU Yue-guang, SHEN Qing-wu, SHI Xin-e, YANG Gong-she (21)

Studies on the Relationship between Apoptosis of Breast Epithelial Cells and the Amount of Lactation in Rabbits

..... HUANG Xiao-dan, SUN Bin, LI Guang-xing (28)

Nutrition and Feedstuff

Effects of Aflatoxin Degradation Bacteria on Performance and Egg Quality of Laying Hens Fed with Naturally Moldy Corn with AFB₁

..... ZHAO Li-hong, GAO Xin, MA Qiu-gang, FAN Yu, LI Xiao-ying, LEI Yuan-pei, ZHENG Wen-ge, JI Cheng (31)

Effects of Maize Naturally Contaminated with Mycotoxins on Liver Structure and Function of Piglets and the Protective Effect of Mannan-oligosaccharide

..... ZHANG Ling, CHEN Dai-wen, LEI Xiao-ya, YAO Ying, MAO Xiang-bing, ZHENG Ping, YU Bing (36)

Effects of Iron Glycine Chelate on Growth, Immunological Characteristics and Oxidative Stress in Broilers

..... FENG Guo-qiang, WU Jing, FANG Cui-lin, MA Wen-qiang, FENG Jie (42)

Effects of Dietary Protein Intake on Nitrogen Metabolism in Heifers Fed Varying Amounts of Concentrate

..... HUANG Jie, SHEN Yue-yu, JIANG Jun, LI Qiang, MO Fang (52)

Animal Health

Effect of Chinese Herbs Prescription on the Blood Parameters and Serum Ion Concentrations of Beef Cattle in Summer

..... WANG Shui-ping, WANG Wen-juan, ZUO Fu-yuan, ZHOU Pei, ZHAO Jian-jun, ZHANG Jia-hua (55)

Animal Production

Effect of Heat Stress on Body Temperature and Respiration of Dairy Cows

..... YAO Yan-chu, JIANG Shan, XIAO Rong, HUANG Jian, DU Rui-ping, CAO Min (59)

Review Papers

Advance in Conjugated Linoleic Acid Regulating Fat Metabolism and Its Mechanisms in Pigs

..... SU Zhan, HUANG Jin-xiu, ZUO Fu-yuan, LIU Zuo-hua, YOU Xiao-yan (66)

The Application of Ideal Amino Acid Pattern in Laying Hens

..... LIU Geng, REN Bing, WU Shu-geng, GAO Yu-peng, QI Guang-hai (71)

Advances in Polyunsaturated Fatty Pig Production

..... GUO Jin-zhi, LI Zang-lan (76)