

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



健康解决方案
全方位营养



两株牛至的传奇

- 1990s, 爱荷华州两株独特的牛至，不期而遇。
它们特有的活性分子，点燃了建明科学家的灵感。
- 2000s, 它们更加健康、茁壮，
建明作物育种团队，令它们的植株遍布全美。
- 2010s, 育种、扩繁、栽培，收割、萃取、提纯……
植物精华，淋漓尽致。
- 2015, 我们共同见证这两株牛至的传奇。

至多兴™ 粉剂
Orsential™ Dry , 天然诱食促生长

至多兴原料来自建明美国作物种植基地，建明众多牛至种植基地，均由两株特殊的牛至培育而成。



建明客服热线：0756-3989089 建明网站：www.kemin.com www.kemin.cn
© Kemin Industries, Inc and its group of companies 2015. All rights reserved. ®™ Trademarks of Kemin Industries, Inc., U.S.A.



加入微信



9 770258 703152

万方数据

全国中文核心期刊 中国学术期刊综合评价数据库来源期刊
中国期刊网入网期刊 中国期刊全文数据库来源期刊

2015. 23

科技

中国畜牧杂志

遗传育种

北京鸭骨质量性状和屠体性状的相关性研究

..... 朱 峰,王炎耘,郝金平,张金奉,杨宇泽,
杨方喜,陈 瑶,胡胜强,侯卓成(1)

贵州矮马 *SHOX* 基因的鉴定及其多态性研究

..... 冉雪琴,赵星艳,岑永秀,徐 倩,王嘉福,李 升,阮 涌(6)

HSP27 基因在苏太猪 F18 大肠杆菌抗性型和敏感型个体间的差异表达分析

..... 戴超辉,吴 森,庄亚润,孙寿永,吴圣龙,包文斌(12)

绵羊 *KAP8-1* 基因克隆与表达分析

..... 张立春,孙福亮,尹 峰,曹 阳,朴庆林,王晓阳,张明新,金海国(16)

樱桃谷鸭 *TYR* 和 *VEGFA* 基因的表达研究

..... 李 华,谭淑雯,叶定泽,谭旭茹,谭旭杰(21)

繁殖生理

不同浓度奶牛乳腺上皮细胞和奶牛脐带间充质干细胞共培养对细胞贴壁率的影响

..... 王立文,邵 伟,张晓雪,赵艳坤,李 杨,林 静,余 雄(25)

注射复合维生素 A、D 对绵羊胚胎移植应用效果的影响

..... 吐逊·吾守尔(28)

营养饲料

两种新合成生物活性肽对肉鸡生长性能和血清生化指标及抗氧化功能的影响

..... 刘 斌,杨海燕,史雪萍,王述柏(31)

酵母硒对肉仔鸡屠宰性能和肉品质及组织硒含量的影响

..... 彭楚才,成国祥,张丽英,董 冰,曹 璐,朱 琳,龚利敏(36)

发酵大叶枸粉替代部分玉米、麸皮及豆粕对肥育猪生长性能和屠宰性能的影响

..... 张晓锋,黄 新,郑会超,王志刚,蒋永清,刘建新(40)

23

2015

第51卷第23期

半月刊

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

日粮能源结构对仔猪小肠黏膜二糖酶活性及基因表达的影响

..... 刘飞飞,秦贵信,孙泽威,于文雅,张琳,孙会(44)

高水平代谢有机酸对 AA 肉鸡生长性能及消化酶活性的影响

..... 赵雪梅,刘娇,于艳,李杰(49)

不同添加剂量的米曲霉培养物对绵羊瘤胃发酵及羊草降解率的影响

..... 肖君,甄玉国,周雪飞,陈雪(53)

小花棘豆中毒对和田羊丘脑-垂体-性腺轴 α -甘露糖苷酶的影响

..... 王帅,廖秋萍,贾琦珍,陈根元(59)

两种安装多位点血管瘘手术方法对山羊机体免疫应激的影响

..... 刘正亚,张丹丹,方勇,薛小强,任莹,赵胜军(63)

抗冷应激添加剂对低温环境下鹌鹑生产性能和免疫功能的影响

..... 刘卫东,宋素芳,程璞(66)

动物生产

巨大芽孢杆菌对草原肉牛排泄物和血液生化指标的影响

..... 余同水,邓波,张艳云,王毅,赵国琦,钱军,袁烁滕,冯海悦(69)

高能光电除臭设备对猪舍空气净化效果的研究

..... 荆凯凯,施正香,武晓红,宁芳芳,赵芙蓉(72)

荣昌猪初乳和常乳主要成分及钙含量分析

..... 周雪,付利芝,杨柳,翟少钦,沈克飞(76)

综述

甜菜碱的生物学功能及在养猪生产中的应用

..... 谭桂宁,陈江生(78)

能量对母猪卵泡发育的影响及调控机制

..... 姜海龙,谷琳琳,车东升,秦贵信,张海全,李易红(82)

JNK 介导的细胞凋亡

..... 张倩,张东君,丛霞,李华涛,曹荣峰,田文儒(87)

Chinese Journal of Animal Science

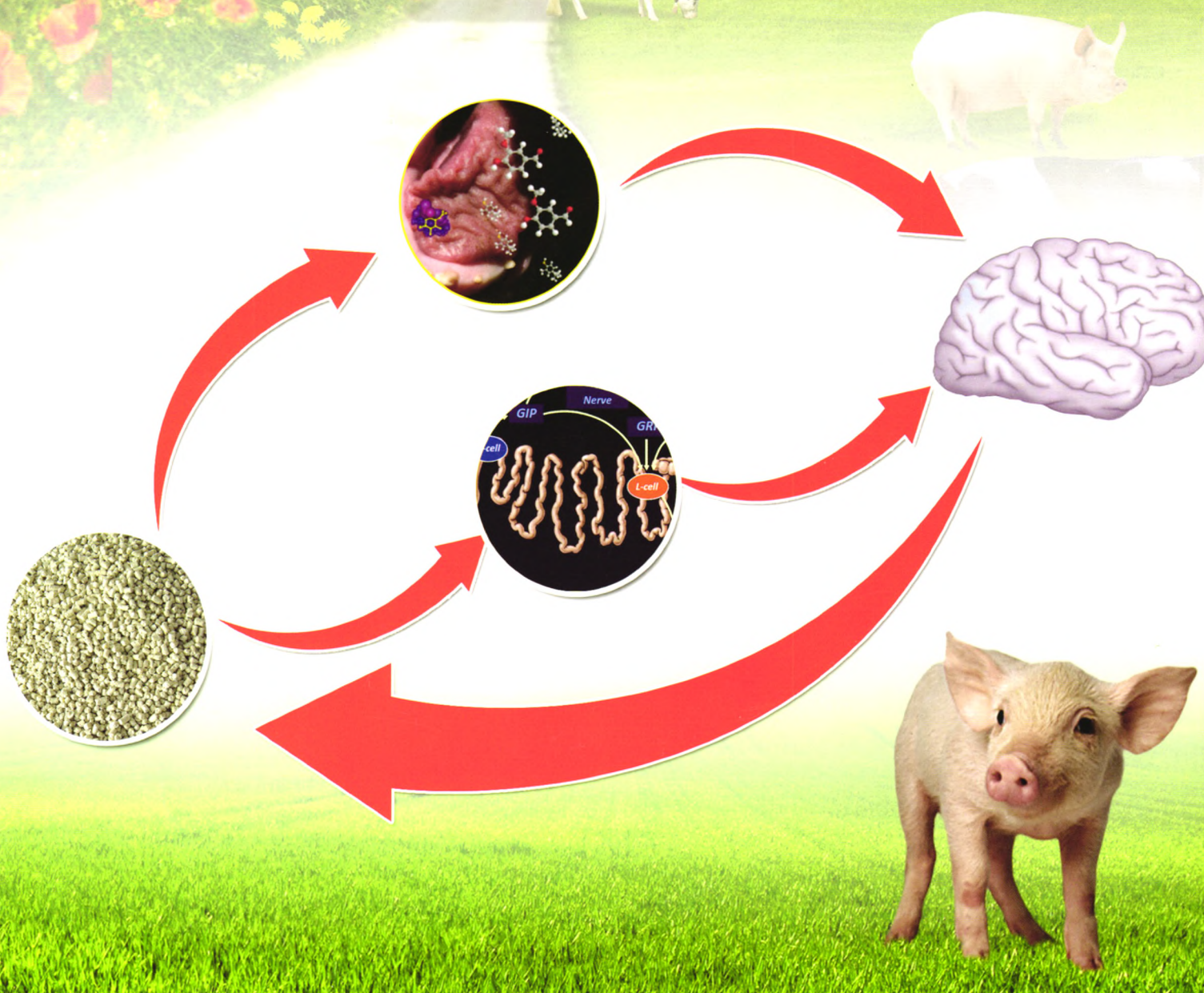
Vol.51, No. 23, Dec. 10, 2015

Contents

- Correlation between Bone Quality and Carcass Traits in Pekin Duck
..... ZHU Feng, WANG Yan-yun, HAO Jin-ping, ZHANG Jin-feng, YANG Yu-ze,
YANG Fang-xi, CHEN Yao, HU Sheng-qiang, HOU Zhuo-cheng (1)
- Identification and Polymorphism of Short Stature Homeobox-Containing Gene in Guizhou Pony
..... RAN Xue-qin, ZHAO Xing-yan, CEN Yong-xiu, XU Qian, WANG Jia-fu, LI Sheng, RUAN Yong(6)
- Differential Expression of *HSP27* Gene between Resistant and Sensitive Individuals to *Escherichia coli* F18 in Sutan Piglets
..... DAI Chao-hui, WU Sen, ZHUANG Ya-run, SUN Shou-yong, WU Sheng-long, BAO Wen-bin(12)
- The Cloning and Expression Pattern Analysis of *KAP 8-1* Gene of Sheep
..... ZHANG Li-chun, SUN Fu-liang, YIN Feng, CAO Yang, PIAO Qing-lin,
WANG Xiao-yang, ZHANG Ming-xin, JIN Hai-guo(16)
- The Expression of *TYR* and *VEGFA* Genes in Cherry Valley Duck
..... LI Hua, TAN Shu-wen, YE Ding-ze, TAN Xu-ru, TAN Xu-jie(21)
- Effect of Co-culture of Different Concentrations of Bovine Mammary Epithelial Cells with Bovine Umbilical Cord Mesenchymal Stem Cells *in vitro* on Adherence Rate
..... WANG Li-wen, SHAO Wei, ZHANG Xiao-xue, ZHAO Yan-kun, LI Yang, LIN Jing, YU Xiong(25)
- Effect of Injecting Compound Vitamin AD on the Embryo Transfer in Sheep
..... Tu Xun·Wu Shou Er(28)
- Effect of Two New Synthetic Bioactive Peptides on Growth Performance, Serum Biochemical Parameters and Antioxidant Function of Broilers
..... LIU Bin, YANG Hai-yan, SHI Xue-ping, WANG Shu-bai(31)
- Effects of Different Levels of Yeast Selenium on Carcass Trait, Meat Quality and Tissue Selenium Content In Broilers
..... PENG Chu-cai, CHENG Guo-xiang, ZHANG Li-ying, DONG Bing, CAO Jun, ZHU Lin, GONG Li-min(36)
- Effects of Replacing Part of Corn, Bran and Soybean Meal with Different Levels of Fermented Bigleaf Mulberry on Growth and Slaughter Performances in Growth-finishing Pigs
..... ZHANG Xiao-feng, HUANG Xin, ZHENG Hui-chao, WANG Zhi-gang, JIANG Yong-qing, LIU Jian-xin(40)
- Effect of Dietary Energy Composition on Disaccharidase Activities and Gene Expression in Small Intestine of Piglets
..... LIU Fei-fei, QIN Gui-xin, SUN Ze-wei, YU Wen-ya, ZHANG Lin, SUN Hui(44)
- Effect of High Levels of Metabolism Organic Acid on Growth Performance and Activity of Digestive Enzyme in AA Broiler
..... ZHAO Xue-mei, LIU Jiao, YU Yan, LI Jie(49)
- Effect of Different *Aspergillus Oryzae* on Rumen Fermentation and Hay Dynamic Degradability of Sheep
..... XIAO Jun, ZHEN Yu-guo, ZHOU Xue-fei, CHEN Xue(53)
- Effects of *Oxytropis glabra* DC Poisoning on α -mannosidase of Hypothalamus-Pituitary-Gonad in Hetian Sheep
..... WANG Shuai, LIAO Qiu-ping, JIA Qi-zhen, CHEN Gen-yuan(59)
- Effect of Two Surgery Methods of Indwelling Multi-catheters on Immune Stress in Goats
..... LIU Zheng-ya, ZHANG Dan-dan, FANG Yong, XUE Xiao-qiang, REN Ying, ZHAO Sheng-jun(63)
- Effects of Anti Cold Stress Additive on Production Performance and Immune Function of Quails at Low Temperature
..... LIU Wei-dong, SONG Su-fang, CHENG Pu(66)
- Effects of *Bacillus Megaterium* on Biochemical Indexes in Feces and Serum Biochemical of Beef Cattle
..... YU Tong-shui, DENG Bo, ZHANG Yan-yun, WANG Yi, ZHAO Guo-qi, QIAN Jun,
YUAN Shuo-meng, FENG Hai-yue(69)
- Effects of High-energy Photovoltaic Deodorizing Device on Purification of Air in Piggery
..... JING Kai-kai, SHI Zheng-xiang, WU Xiao-hong, NING Fang-fang, ZHAO Fu-rong (72)
- Analysis of Components and Calcium in Colostrums and Normal Milk of Rongchang Pig
..... ZHOU Xue, FU Li-zhi, YANG Liu, ZHAI Shao-qin, SHEN Ke-fei (76)
- Advances in Biological Function of Betaine and Its Application in Pig Production
..... TAN Gui-ning, CHEN Jiang-sheng (78)
- Research Progress on Effect of Energy on the Sow Follicles and Regulatory Mechanism
..... JIANG Hai-long, GU Lin-lin, CHE Dong-sheng, QIN Gui-xin, ZHANG Hai-quan, LI Yi-hong(82)
- The Cell Apoptosis Mediated by JNK
..... ZHANG Qian, ZHANG Dong-jun, CONG Xia, LI Hua-tao, CAO Rong-feng, TIAN Wen-ru(87)

乐达国际功能性调味剂

领导者品牌



Lucta

创造互信

ISSN 0258-7033
万方数据 1-2083/S

国内邮发代号: 82-147

国外发行代号: SM452

定价: 15.00元

乐达（广州）香味剂有限公司

广州经济技术开发区隧达街20号

邮编: 510530

电话: (020) 6274 6886

传真: (020) 8222 7417

网址: www.lucta.com