

CHINA FEED

中国饲料®



ISSN 1004-3314
CN 11-2975/S

2023 8

总第724期

● 中文核心期刊 ● 国家A类学术期刊 ● 全国优秀科技期刊 ● 中国期刊网入网期刊 ● 中国学术期刊综合评价数据库来源期刊

· 广告 ·



单宝
Tanica

无味不反应型饲用单宁酸制剂

单宁酸含量：80%



① 可替代氧化锌

(4千克单宝80可替代2千克普通氧化锌)

② 抗胃肠道病毒（过料）

③ 饲用植物收敛剂

④ 无涩味、无皮肤刺激性的饲用单宁制剂

⑤ 无反应性，不结块，可应用于不同比例的预混料

⑥ 水泡料不变色

数据来源：University of Virginia Technology 等



广州英赛特生物技术有限公司

地址：中国广州市科学城广州国际企业孵化器D610

邮编：510700
电话：020-8211 1925
传真：020-3221 1129
电邮：pengist@hotmail.com
网址：www.insigherbt.com

Insigher® 英赛特

— 解决肠道问题

— Solutions of Gut Problems



- 车前子的生理功能及其在动物养殖和生产中的应用
- 饲料添加三七提取物对石斑鱼生长性能及血清生化指标的影响

目次

来自管理部门的信息

2023年3月全国畜产品和饲料价格情况 (1)

综 述

车前子的生理功能及其在动物养殖和生产中的应用 于润鹏, 郑 重 (5)
坡缕石的生物学功能及其在动物生产中的应用 李 伟, 刘耀东, 孙秋枝, 等 (9)
中草药发酵技术在动物生产中的应用 张月荣, 刘晓丽, 姜 霞, 等 (13)

科学实验研究

响应面法优化芒果核黄酮提取工艺研究 徐兰程, 杨佳燕, 徐 惠, 等 (18)
利用体外法研究绒山羊常用粗饲料的瘤胃发酵特性 赵艳丽, 张 汀, 杜 霞, 等 (23)
胎次、配种季节、背膘厚度、与配公猪品种对加系大约克夏母猪繁殖性能的影响
..... 王俊锋, 郭 晶, 连慧香, 等 (29)
锡林郭勒草原羊肉熟肉率及剪切力的比较研究 李春冬, 牧其尔, 杨玉珍, 等 (33)
荷斯坦奶牛性控冻精与常规冻精应用效果比较分析 李雪梅, 易宗容, 张平英, 等 (38)

添 加 剂

复合微生态制剂对初生犊牛生长性能和血清抗氧化指标的影响 钱明珠, 王申锋, 孙玲利, 等 (42)
日粮添加黄芪多糖对断奶仔猪生长性能、腹泻率及免疫功能的影响 贾荣玲, 孔嫫嫫, 李真亚, 等 (46)
复合益生菌对断奶仔猪生长性能、血清生化及养分消化率的影响 李永峰, 李 锋 (50)
日粮添加复合有机酸对断奶仔猪生长性能、养分消化率及粪中微生物含量的影响 夏英姿, 刘建华 (54)

动 物 营 养

日粮添加不同纤维源饲料对猪生长性能及肠道微生物菌群的影响 岳玉妍, 岳玉秀, 李晓娜, 等 (58)
不同钙水平对仔猪生长性能、养分利用及经济效益的影响 张志平 (62)
日粮纤维对育肥猪生产性能、抗氧化性能及肉品质的影响 吴 磊, 王琳琳 (66)

水 产 养 殖

饲料添加三七提取物对石斑鱼生长性能及血清生化指标的影响 闫东科, 王永苓, 李 雪, 等 (70)
饲料玉米蛋白粉对鲈鱼生长代谢和血清生化指标的影响 王 杰 (74)
不同蛋白源对草鱼生长性能、血清生化指标及肠道组织形态的影响 张玲宏, 张胜利 (78)
益生菌类饲料添加剂对鲫鱼生长性能和生化指标影响 林阿朋, 齐富刚, 卫少松, 等 (82)

检 测 分 析

不同检测方法对牛奶中蛋白质含量的检测研究 王亚君, 刘 进, 国建娜 (86)

经营与管理

双因素理论在饲料企业人力资源管理中的应用..... 岳秀红(90)

ERP系统在饲料企业财务管理信息化中的应用研究..... 王亚男(94)

绿色环保材料在饲料产品包装中的应用..... 葛 晖,李振楠,黄泽平(98)

饲料企业跨境物流贸易合同面临的风险及规避策略探究..... 冯 勃(102)

基于风险管理视角下的饲料企业会计信息化评价研究..... 白 洁(106)

基于市场需求的饲料企业外贸人才培养模式分析..... 耿 阳(110)

新媒体环境下饲料品牌的构建与传播策略..... 郭艳玲(114)

畜牧养殖家庭农场退出机制的现状 & 处置办法..... 夏艺丹(118)

资源开发利用

不同粗饲料组合对奶牛生产性能、表观消化率及乳品质的影响..... 李 玉,袁 勇,李 强,等(122)

微贮和氨化处理对西藏主要农作物秸秆饲用品质的影响..... 周娟娟,吴 丹,刘 洋,等(126)

青贮藜麦对肉牛生长性能、饲养成本及经济效益的探讨..... 郭 豫(130)

不同水平亚麻籽对青山羊干物质采食量、产奶性能和乳成分的影响..... 朱广琴,张海涛,石丰运,等(134)

观察与探讨

乡村振兴战略背景下饲料产业的提质增效..... 刘 涛(138)

创新经济视角下饲料产业在乡村振兴中的作用..... 韩 亮(142)

基于新媒体视角的饲料企业市场营销模式研究..... 王朝歌,田国清(146)

饲料企业电子商务协同式供应链创新模式研究..... 侯铭海,孙盛智,夏 凡(150)

基于价值链的饲料企业精益成本管理研究..... 郭文娟(154)

新农科建设背景下饲料产业人才培养路径研究..... 任 琪,赵 英(158)

基于饲料企业实际需求的创新创业人才培养策略研究..... 尚 婷,张丽丽(162)

跨境电商背景下中国饲料产业转型升级的路径研究..... 常慧萍(166)

· 书 评 ·

基于计算机辅助技术的饲料配方最优化设计——评《计算机饲粮配合技术》..... 杜文萍(170)

白山羊无公害饲养草料搭配技术——评《山羊饲养实用技术》..... 张善芳(171)

动物医学英语的语言特色及翻译探索——评《动物科学与动物医学专业英语》..... 王 伟(172)

CONTENTS

The tendence analysis of livestock products and feed price of China in March 2023	(1)
The biological functions of plantain seed and its application in animal husbandry industry	YU Runpeng, ZHENG Zhong(5)
Biological function of palygorsk and its application in animal production	LI Wei, LIU Yaodong, SUN Qiuzhi, <i>et al.</i> (9)
Application of Chinese herbal medicine fermentation technology in animal production	ZHANG Yuerong, LIU Xiaoli, JIANG Xia, <i>et al.</i> (13)
Optimization of extraction technology for flavonoids in mango kernel seeds with response surface methodology	XU Lancheng, YANG Jiayan, XU Hui, <i>et al.</i> (18)
Rumen fermentation characteristics of roughage used for cashmere goats by in vitro three-step method	ZHAO Yanli, ZHANG Ting, DU Xia, <i>et al.</i> (23)
Effects of parities, mating seasons, backfat thickness and breeds of boars mated on reproductive performance of canadian yorkshire sows	WANG Junfeng, GUO Jing, ZHAO Yunhuan, <i>et al.</i> (29)
Comparative study on cooked meat percentage and shear force of xilingol grassland mutton	LI Chundong, Muqier, YANG Yuzhen, <i>et al.</i> (33)
Comparative analysis of the application effect of sexually controlled frozen semen and ordinary frozen semen in holstein dairy cows	LI Xuemei, YI Zongrong, ZHANG Pingying, <i>et al.</i> (38)
Effect of compound microecological preparations on growth performance and serum antioxidant indexes of newborn calves	QIAN Mingzhu, WANG Shenfeng, SUN Lingli, <i>et al.</i> (42)
Effects of dietary astragalus polysaccharides on growth performance, diarrhea rate and immune function of weaned piglets	JIA Rongling, KONG Yuanyuan, LI Zhenya, <i>et al.</i> (46)
Effects of compound probiotics on growth performance, serum biochemistry and nutrient digestibility of weaned piglets	LI Yongfeng, LI Feng(50)
Effects of complex organic acid supplementation on growth performance, nutrient digestibility and fecal microbial content of weaned piglets	XIA Yingzi, LIU Jianhua(54)
Effects of different dietary fiber sources on growth performance and intestinal microflora of pigs	YUE Yuyan, YUE Yuxiu, LI Xiaona, <i>et al.</i> (58)
Effects of dietary calcium levels on growth performance, nutrient utilization and economic benefits of piglets	ZHANG Zhiping(62)
Effect of fiber on growth performance, antioxidant capacity and meat quality of finishing pigs	WU Lei, WANG Linlin(66)
Effects of <i>Panax notoginseng</i> extract added to diet on growth performance and serum biochemical indexes of grouper	YAN Dongke, WANG Yongling, LI Xue, <i>et al.</i> (70)
Effects of feed corn gluten meal on growth metabolism and serum biochemical indexes of perch	WANG Jie(74)
Effects of different protein sources on growth performance, serum biochemical indexes and intestinal tissue morphology of grass carp	ZHANG Linghong, ZHANG Shengli(78)
Effects of probiotics feed additives on growth performance and biochemical indexes of crucian carp	LIN Apeng, QI Fugang, WEI Shaosong, <i>et al.</i> (82)
Study of different testing methods for the determination of protein content in milk	WANG Yajun, LIU Jin, GUO Jianna(86)
Application of two-factor theory in human resource management of feed enterprises	YUE Xiuhong(90)
Research on the application of ERP system in financial management informatization of feed enterprises	WANG Yanan(94)
Application of green environmental protection materials in feed product packaging	GE Hui, LI Zhennan, HUANG Zeping(98)
Research on risks and avoidance strategies of cross-border logistics trade contract of feed enterprises	FENG Bo(102)
Research on the evaluation of accounting informatization of feed enterprises based on risk management	BAI Jie(106)
Analysis of foreign trade talents training mode of feed enterprises based on market demand	GENG Yang(110)
Construction and communication strategy of feed brand in the new media environment	GUO Yanling(114)
The current situation and disposal measures of the withdrawal mechanism of livestock breeding family farms	XIA Yidan(118)
Effects of different roughage combinations on performance, apparent digestibility and milk quality of dairy cows	LI Yu, YUAN Yong, LI Qiang, <i>et al.</i> (122)
Effects of micro-organism and ammonia treatment on forage quality of main crop straws in tibet	ZHOU Juanjuan, WU Dan, LIU Yang, <i>et al.</i> (126)
Discussion of silage quinoa on growth performance feeding cost and economic benefit of beef cattle	GUO Yu(130)
Effects of different levels of flaxseed on dry matter intake, milk production performance and milk composition of grey goat	ZHU Guangqin, ZHANG Haitao, SHI Fengyun, <i>et al.</i> (134)
Improving quality and efficiency of feed industry under the background of rural revitalization strategy	LIU Tao(138)
The role of feed industry in rural revitalization from the perspective of innovative economy	HAN Liang(142)
Research on marketing mode of feed enterprise based on new media perspective	WANG Chaoqe, TIAN Guoqing(146)
Research on collaborative supply chain innovation mode of e-commerce in feed enterprises	HOU Minghai, SUN Shengzhi, XIA Fan(150)
Research on lean cost management of feed enterprises based on value chain	GUO Wenjuan(154)
Research on talent cultivation path of feed industry under the background of new agricultural science construction	REN Qi, ZHAO Ying(158)
Research on the training strategy of innovative and entrepreneurial talents based on the actual needs of feed enterprises	SHANG Ting, ZHANG Lili(162)
Research on the path of China's feed industry transformation and upgrading under the background of cross-border e-commerce	CHANG Huiping(166)