



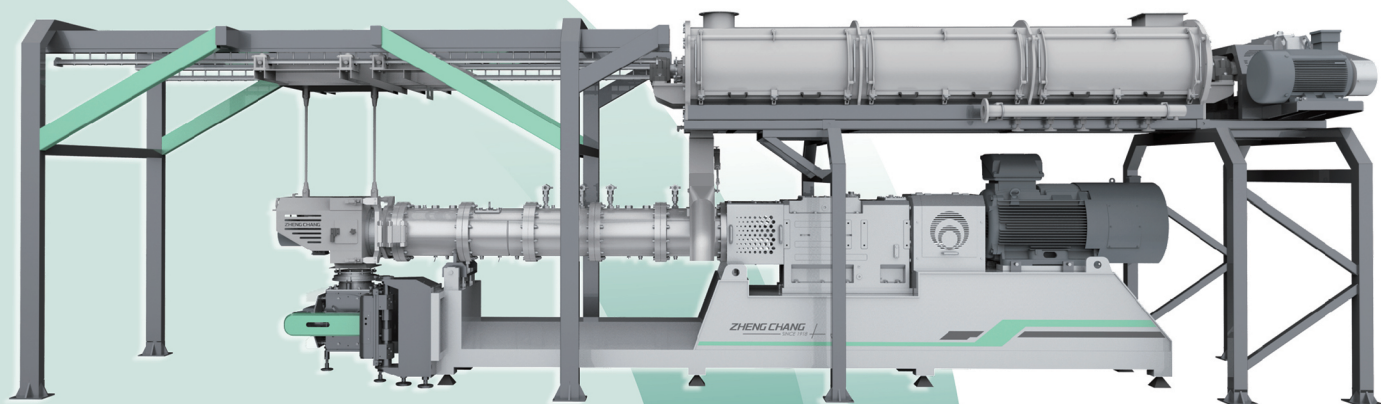
饲料机械 中国正昌
www.zcme.com

正昌水产专用双螺杆膨化机

设备适应性强

智能高效

整机使用更长久



正昌 SPHS 155×2双螺杆膨化机

- 设备适应性强，可适应低淀粉、高蛋白、高油脂等各种配方的精准加工
- 螺杆与衬套可配新型耐磨耐腐蚀材料，使用寿命长
- 高效的自动控制系统：具有配方管理、一键开机、负荷控制、水汽精准添加等功能

稳定

可靠



【浮性料模板Φ4.0 产能10-12 T/H】

江苏正昌粮机股份有限公司

江苏省溧阳市

经济开发区正昌路28号

Tel: 0519-87309988 Fax: 0519-87308899



万方数据

- 藜麦作为饲料原料在动物生产上的营养价值与抗营养作用
- 低蛋白质日粮对育肥绵羊生长性能、胴体性状及肌肉脂肪酸组成的影响

目次

来自管理部门的信息

2022年1月全国畜产品和饲料价格情况 (1)

综 述

藜麦作为饲料原料在动物生产上的营养价值与抗营养作用 石 钰, 房 媛, 薛逸诺 (5)

科学实验研究

低蛋白质日粮对育肥绵羊生长性能、胴体性状及肌肉脂肪酸组成的影响 石丰运, 朱广琴, 王 兵 (9)

寒冷季节光照制度对育肥猪生长性能、肉品质及血清生化指标的影响 郭晓宇, 张 营 (13)

木棉籽油对育肥猪生长性能、胴体性状、肉品质及经济优势的影响 秦昊川, 邓光君 (17)

不同谷物日粮添加酶对幼犬生长性能、消化及粪便特征的影响 翟 嵩, 柳公卿, 王 尧 (21)

日粮添加甜菜碱对夏季高温蛋鸡生产性能、蛋品质及血液理化特征的影响 乔淑文, 王 芳 (25)

添 加 剂

羟甲基丁酸钙盐对妊娠后期-哺乳期母猪繁殖性能、乳成分及仔猪生长性能的影响
..... 吴 芳, 赵 桥 (29)

药用植物提取物对绵羊采食量、养分消化及瘤胃发酵性能的影响 周 敏, 孔雪旺, 刘艳美, 等 (33)

水果提取物对羔羊生长性能、抗氧化及肉品质的影响 仇泽凯, 朱锐广 (37)

百香果籽提取物对肉兔生长性能、肉品质及抗氧化指标的影响 李素英 (41)

动 物 营 养

日粮添加益生菌对干乳期奶牛生长性能、瘤胃发酵及氮平衡的影响 王志刚 (45)

亚麻籽对生长育肥猪抗氧化性能及肉品质的影响 杨柠蔚 (49)

日粮纤维素水平及饲养环境对断奶猪生长性能、养分消化及肠道健康的影响
..... 莫慧诚, 岑 屹, 陈俊成 (53)

全混合日粮营养水平对热应激肉牛生长性能、瘤胃形态学及肉质的影响
..... 张 涛, 郭俊清, 武卫卫, 等 (57)

不同处理方式的苜蓿草对犊牛生长性能、瘤胃发酵及微生物蛋白合成的影响 刘静霖, 薛瑞婷 (61)

碎米替代玉米对断奶仔猪生长性能、血清生化及蛋白质代谢的影响 孙炬仁 (65)

水 产 养 殖

饲料添加微藻对尼罗罗非鱼幼鱼生长性能及体成分的影响 曹威荣 (69)

饲料中添加天蚕素抗菌肽对南美白对虾免疫功能、抗病力的影响 房 媛, 董林娟, 王 孟, 等 (73)

经营与管理

数字营销视域下饲料企业线上营销模式优化分析 刘 怡 (77)

云计算与饲料企业会计管理融合化发展探究 赵 爽, 李 萍 (81)

2022年第4期

(总第696期)

- 互联网+背景下饲料公司财务管理改进对策研究 孙桂春(85)
- 互联网技术在饲料行业中的应用 黄远辉,覃志成(89)
- 提升饲料企业品质管理助力乡村振兴战略 刘 勇(93)
- 人工智能基础上的饲料企业柔性管理效率提升策略研究 李艳蕊(97)
- 环境规制对饲料企业经济效益与可持续发展的影响 郭爱芳,常凌杰(101)

资源开发利用

- 不同类型昆虫粉对肉鸡生长性能、血液生化指标及肠道发酵的影响 占 锋,王 君(105)
- 发酵花生壳对湖羊生长性能、血液生化及免疫指标的影响 周孝琼,陈洪博,韦建云,等(109)
- 水产下脚料对肉鸡生长性能、胴体性状及肠道健康的影响 郭晓华,严凌苓(113)
- 昆虫蛋白粉作为蛋白原料对肉兔生长性能、养分消化及饲养成本的影响 颜 铤,徐 磊(117)

观察与探讨

- 探究人力资本理论对饲料行业绿色全要素生产增长率的影响 范芸莉,沙米拉·色依提(121)
- 新基建政策对饲料企业智慧物流网络建设的影响研究 姜 宁(125)
- 劳动经济学视角下饲料产品消费金融发展探析 李金柱,刘嵩瑞(129)
- 我国饲料企业经营的宏观经济探讨 张晓阳(132)
- 经济新常态下的饲料行业发展影响因素 刘小梅(136)
- 大学生创新创业与饲料资源开发利用问题研究 李韶宏(140)
- 大数据背景下饲料企业的贸易格局变化分析 王 莺,刘均敏(144)
- “双创”背景下动物营养与饲料科学专业人才创新创业问题研究 杨利红(147)

· 书 评 ·

应用型饲料管理专业校企合作人才培养模式研究

- 评《校企合作教育对创新型人才创造力的影响研究》 陆怡君(151)
- 畜牧业国际贸易发展的法律规范——评《国际食品法典标准汇编-畜牧生产卷》 李欣铭(152)
- 饲料专业大学生创新创业教育中的激励机制应用——评《大学生创新创业教育》 郭 磊(153)
- 饲料产品包装设计的创新元素分析——评《饲料机械 包装通用技术条件》 余家帅(154)
- 沈阳地区饲料行业的技术创新与经济发展——评《创新驱动沈阳经济发展实证研究》 田 华(155)
- 管理会计在饲料企业发展中的应用——评《管理会计(第二版)》 陈 文(156)

CONTENTS

The tendence analysis of livestock products and feed price of China in January 2022	(1)
Nutritional value and anti-nutritional effect of quinoa as feed material in animal production	SHI Yu, FANG Yuan, XUE Yinu(5)
Effects of low protein diet on growth performance, carcass traits and muscle fatty acid composition of fattening sheep	SHI Fengyun, ZHU Guangqin, WANG Bing(9)
Effects of light regime on growth performance, meat quality and serum biochemical indices of finishing pigs in cold season	GUO Xiaoyu, ZHANG Ying(13)
Effects of ceiba seed oil on growth performance, carcass traits, meat quality and economic advantages of finishing pigs	QIN Haochuan, DENG Guangjun(17)
Effects of different grain diets supplemented with enzymes on growth performance, digestion and fecal characteristics of puppies	ZHAI He, LIU Gongqing, WANG Yao(21)
Effects of betaine on performance, egg quality and blood physicochemical characteristics of laying hens in high temperature	QIAO Shuwen, WANG Fang(25)
Effects of calcium hydroxymethyl butyrate on reproductive performance, milk composition of Sows during late gestation to lactation period and growth performance of piglets	WU Fang, ZHAO Qiao(29)
Effects of medicinal plant extracts on feed intake, nutrient digestion and rumen fermentation of sheep	ZHOU Min, KONG Xuewang, LIU Yanmei, <i>et al.</i> (33)
Effects of fruit extracts on growth performance, anti-oxidation and meat quality of lambs	QIU Zekai, ZHU Ruiguang(37)
Effects of passion fruit seed extract on growth performance, meat quality and antioxidant indexes of meat rabbits	LI Suying(41)
Effects of probiotics on growth performance, rumen fermentation and nitrogen balance of dairy cows under dry milk period	WANG Zhigang(45)
Effects of flaxseed on anti-oxidation capacity and meat quality of growing-finishing pigs	YANG Ningwei(49)
Effects of dietary cellulose level on growth performance, nutrient digestion and intestinal health of weaned pigs under different feeding conditions	MO Huicheng, CEN Yi, CHEN Juncheng(53)
Effects of total mixed ration nutrient levels on growth performance, rumen morphology and meat quality of heat-stressed beef cattle	ZHANG Tao, GUO Junqing, WU Weiwei, <i>et al.</i> (57)
Effects of different treatments of alfalfa on growth performance, rumen fermentation and microbial protein synthesis of calves	LIU Jinglin, XUE Ruiting(61)
Effects of replacing corn with broken rice on growth performance, serum biochemistry and protein metabolism of weaned piglets	SUN Juren(65)
Effects of different dietary microalgae on the growth performance and the whole body composition in nile tilapia	CAO Weirong(69)
The effects of diet supplemented with cecropin antimicrobial peptide on the immune function and disease resistance of the White Shrimp <i>Litopenaeus vannamei</i>	FANG Yuan, DONG Linjuan, WANG Meng, <i>et al.</i> (73)
Optimization analysis of feed enterprise online marketing mode from the perspective of digital marketing	LIU Yi(77)
Research on the integration development of cloud computing and accounting management of feed enterprises ...	ZHAO Shuang, LI Ping(81)
Research on improving financial management of feed companies under internet plus background	SUN Guichun(85)
Application of Internet technology in feed industry	HUANG Yuanhui, QIN Zhicheng(89)
Improving the quality management of feed enterprises and assisting the strategy of rural revitalization	LIU Yong(93)
Research on efficiency improvement strategy of flexible management in feed enterprises based on artificial intelligence	LI Yanrui(97)
Influence of environmental regulation on economic benefit and sustainable development of feed enterprises	GUO Aifang, CHANG Lingjie(101)
Effects of different insect powders on growth performance, blood biochemical indices and intestinal fermentation of broilers	ZHAN Feng, WANG Jun(105)
Effects of fermented peanut shell on growth performance, blood biochemistry and immune indexes of lake sheep	ZHOU Xiaoqiong, CHEN Hongbo, WEI Jianyun, <i>et al.</i> (109)
Effects of aquatic waste on growth performance, carcass characteristics and intestinal health of broilers	GUO Xiaohua, YAN Lingling(113)
Effects of insect protein powder as protein raw material on growth performance, nutrient digestion and feeding cost of meat rabbits	YAN Ting, XU Lei(117)
Explore the impact of human capital theory on the growth rate of green total factor production in feed industry ...	FAN Yunli, Samira(121)
Research on the impact of new infrastructure policies on the construction of smart logistics networks in feed enterprises ...	JIANG Ning(125)
On the development of feed product consumption finance from the perspective of labor economics	LI Jinzhu, LIU Songrui(129)
Research on the management of feed enterprises	ZHANG Xiaoyang(132)
Factors influencing the development of feed industry under the new economic normal	LIU Xiaomei(136)
Research on college students' innovation and entrepreneurship and the development and utilization of feed resources	LI Shaohong(140)
Analysis of changes in trade pattern of feed enterprises under the background of big data	WANG Ying, LIU Junmin(144)
Research on the innovation and entrepreneurship of talent in animal nutrition and feed science under the background of mass innovation and entrepreneurship	YANG Lihong(147)