

CHINA FEED

中国饲料®



ISSN 1004-3314
CN 11-2975/S

2021 9

总第677期

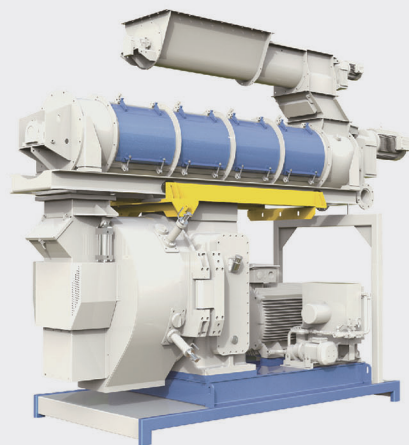
● 中文核心期刊 ● 国家A类学术期刊 ● 全国优秀科技期刊 ● 中国期刊网入网期刊 ● 中国学术期刊综合评价数据库来源期刊

· 广告 ·

丰尚， 为您匠心智造 K系列颗粒机

突破以往颗粒机的传统结构，创新升级，
高产低耗、稳定可靠。K35常规中大猪料
产量经权威检测证实可高达38t/h（此工
况下吨电耗仅需6.3 kW·h/t）。

FAMSUN 丰尚
缔造系统价值



丰尚农牧装备有限公司

地址：江苏省扬州高新技术开发区华声路1号 网址：www.famsun.com（数据来源）
销售热线：0514-87848898 服务热线：400-780-5566



丰尚微信订阅号



丰尚抖音号



万方数据

■ 蛋鸡产蛋后期的营养调控

■ 2020年底各地新玉米霉菌毒素风险分析

目次

综 述

中草药饲料添加剂对奶牛乳房炎的影响研究进展	张晓东,杨文娇,孟 然,等(1)
蛋鸡产蛋后期的营养调控	刘文沛,万晓莉(7)
硒多糖的来源、提取及其生物学功能研究进展	金贺伟,闫如霞,年 芳,等(12)
枯草芽孢杆菌在发酵饲料中的应用研究进展	宋立立,张晨旭,张连水(17)

科学实验研究

日粮精粗比对思南杂交肉牛体尺性状和血液常规指标的影响	段俊红,杨 帆,侯 芳,等(22)
降低生猪料肉比技术优化研究	郑 威,卢 婵,余 侃,等(27)
遗传算法优化超声辅助低共熔溶剂提取红枣总黄酮工艺研究	李 栋(34)
零陵香总黄酮提取工艺优化	唐 森,杨舒茵,谢济运,等(42)

添 加 剂

中草药复方制剂对新疆巴音布鲁克羊生长性能和养分消化的影响	左晓磊,刘 强,唐思静,等(49)
中草药饲料添加剂对三黄鸡血液生化指标和免疫功能的影响	李姣清,黄勋和,余史婷,等(53)
黄芪多糖对断奶幼兔生长性能、腹泻率及免疫功能的影响	庞青松,都晓春(58)

检 测 分 析

QuEChERS-SPE-高效液相色谱法测定饲料中乙氧酰胺苯甲酯的含量	宋 荣,索德成,李丽蓓,等(62)
气相色谱质谱法测定水产饲料中 16 种多环芳烃的方法研究	李德祥,张艳红,张凤枰,等(68)
孔雀石绿胶体金检测样品前处理工艺的优化	高海岗,刘秀梵,王晓泉,等(75)
鸽保健砂中主要矿物质元素含量及钙磷测定前处理方法的比较	张 帅,王雪敏,计 峰,等(79)

饲料加工机械与工艺

大型组合式机械通风玉米穗储粮仓的设计	崔相全,李寒松,张 锋,等(84)
--------------------------	-------------------

饲 料 卫 生

呕吐毒素对畜禽肠道健康的影响及相关研究进展	杨 俊,赵小刚,张桂红,等(87)
2020 年底各地新玉米霉菌毒素风险分析	王 娟,王改琴,李 钊,等(93)
黄曲霉毒素 B ₁ 、玉米赤霉烯酮和呕吐毒素的累加细胞毒性研究	王晓敏,常 娟,王 平,等(98)

经营与管理

价值链视角下饲料企业人才激励机制研究 彭 华,范松杰(102)

数字经济背景下饲料企业管理会计创新研究 张秀珍,马英杰(106)

基于战略定位理论的中小型饲料企业发展路径探析 陈 剑(110)

“互联网+”背景下饲料企业的转型与升级 唐 佳(114)

资源开发利用

酒糟和醋糟营养成分差异及其瘤胃降解特性分析 张丹丹,程 景,靳 光,等(118)

有机硒和枣粉对肉仔鸡生长性能及养分利用的影响 贾绥安,高 强,杜宝龙,等(124)

黄秋葵对肉兔生产性能、肉品质和血清生化指标的影响 王明海,邢红飞,陈 雨,等(129)

观察与探讨

区域经济发展对民营饲料企业的影响研究 王 艳(134)

全球价值链视角下我国饲料企业国际贸易出口机制研究 李月娥(138)

乡村振兴环境下饲料企业应用电子商务创新发展模式的研究 白朋飞(142)

饲料出口贸易质量评价及提升策略研究 李书华(146)

* * * *

《中国饲料》投稿须知 (150)

· 书 评 ·

电子商务环境下的饲料企业发展——评《饲料企业营销管理与质量控制》 陈小桂(151)

重视财务管控,提高生物发酵技术生产的经济效益——评《生物发酵饲料技术与生产应用》
..... 杜丽霞(152)

浅谈大学生饲料项目创业可行性——评《饲料质量检测与营养价值评定技术》 刘 岩(153)

“走出去”视域下饲料英语翻译研究——评《饲料学》 曾宁瑶(154)

饲料加工机械的自动化技术分析——评《饲料加工机械使用与维修》 陈鸣辉(155)

CONTENTS

Research progress on the effect of Chinese herbal feed additives on dairy cow mastitis	ZHANG Xiaodong, YANG Wenjiao, MENG Ran, <i>et al.</i> (1)
Nutritional regulation of laying hens in late laying stage	LIU Wenpei, WAN Xiaoli (7)
Research progresses on source, extraction and biological function of selenium polysaccharide	JIN Hewei, YAN Ruxia, NIAN Fang, <i>et al.</i> (12)
Research progress on application of <i>Bacillus subtilis</i> in fermented feed	SONG Lili, ZHANG Chenxu, ZHANG Lianshui (17)
Effect of different concentrate to coarse ratio in diet on body size index and blood routine indexes of Sinan crossbred beef cattle	DUAN Junhong, YANG Fan, HOU Fang, <i>et al.</i> (22)
Research on optimization of feed to meat ratio reduction technology for pigs	ZHENG Wei, LU Chan, YU Kan, <i>et al.</i> (27)
Optimization of ultrasonic assisted deep eutectic solvent extraction of total flavonoids from jujube by genetic algorithm	LI Dong (34)
Optimization of extraction technology of total flavonoids from Linglingxiang (<i>Lysimachia foenum-graecum</i> Hance)	TANG Sen, YANG Shuyin, XIE Jiyun, <i>et al.</i> (42)
Effects of the Chinese herbal medicine Yiyiing on growth performance and nutrient digestion of Xinjiang Bayinbuluk sheep	ZUO Xiaolei, LIU Qiang, TANG Sijing, <i>et al.</i> (49)
Effect of Chinese herbal medicine on blood indexes and immune function of yellow chicks	LI Jiaqing, HUANG Xunhe, YU Shiting, <i>et al.</i> (53)
Effect of <i>Astragalus</i> polysaccharide on growth performance, diarrhea rate and immune function of weaned young rabbits	PANG Qingsong, DU Xiaochun (58)
Determination of ethopabate in feeds by QuEChERS-SPE-HPLC	SONG Rong, SUO Decheng, LI Libei, <i>et al.</i> (62)
Study on determination of 16 polycyclic aromatic hydrocarbons in aquatic feed by gas chromatography mass spectrometry	LI Dexiang, ZHANG Yanhong, ZHANG Fengping, <i>et al.</i> (68)
The optimization of the pretreatment of samples for detection of malachite green using the colloidal gold immunochromatographic method	GAO Haigang, LIU Xiufan, WANG Xiaoquan, <i>et al.</i> (75)
Contents of main minerals in health sand for pigeons and comparison of pretreatment methods for calcium and phosphorus determination in lab	ZHANG Shuai, WANG Xuemin, JI Feng, <i>et al.</i> (79)
The designing of the large combined mechanical ventilation corn storage warehouses	CUI Xiangquan, LI Hansong, ZHANG Feng, <i>et al.</i> (84)
Effect and advances in research of deoxynivalenol on intestinal health of livestock and poultry	YANG Jun, ZHAO Xiaogang, ZHANG Guihong, <i>et al.</i> (87)
Risk analysis of mycotoxin in new maize from different producing areas at the end of 2020	WANG Juan, WANG Gaiqin, LI Fan, <i>et al.</i> (93)
Study on accumulative cytotoxicity of aflatoxin B ₁ , zearalenone and deoxynivalenol	WANG Xiaomin, CHANG Juan, WANG Ping, <i>et al.</i> (98)
Research on the talent incentive mechanism of feed enterprises from the perspective of value chain	PENG Hua, FAN Songjie (102)
Research on management accounting innovation of feed enterprises under the background of digital economy	ZHANG Xiuzhen, MA Yingjie (106)
Analysis on the development path of small and medium-sized feed enterprises based on the strategic positioning theory	CHEN Jian (110)
The transformation and upgrading of feed enterprises under the background of "Internet +"	TANG Jia (114)
Evaluation on the nutrient composition of distillers' grains and vinegar grains and its rumen degradation	ZHANG Dandan, CHENG Jing, JIN Guang, <i>et al.</i> (118)
Effects of organic selenium and jujube powder on growth performance and nutrient utilization of broilers	JIA Suian, GAO Qiang, DU Baolong, <i>et al.</i> (124)
Effects of okra on production performance, meat quality and serum biochemical indexes of meat rabbits	WANG Minghai, XING Hongfei, CHEN Yu, <i>et al.</i> (129)
Study on the influence of regional economic development on private feed enterprises	WANG Yan (134)
Research of export system in international trade for feed enterprises under the angle of global value chain	LI Yuee (138)
Research on the innovative development mode of feed enterprises applying e-commerce under the environment of rural revitalization	BAI Pengfei (142)
Research on quality evaluation and promotion strategy of feed export trade	LI Shuhua (146)