



全国中文核心期刊
CSCD核心库期刊



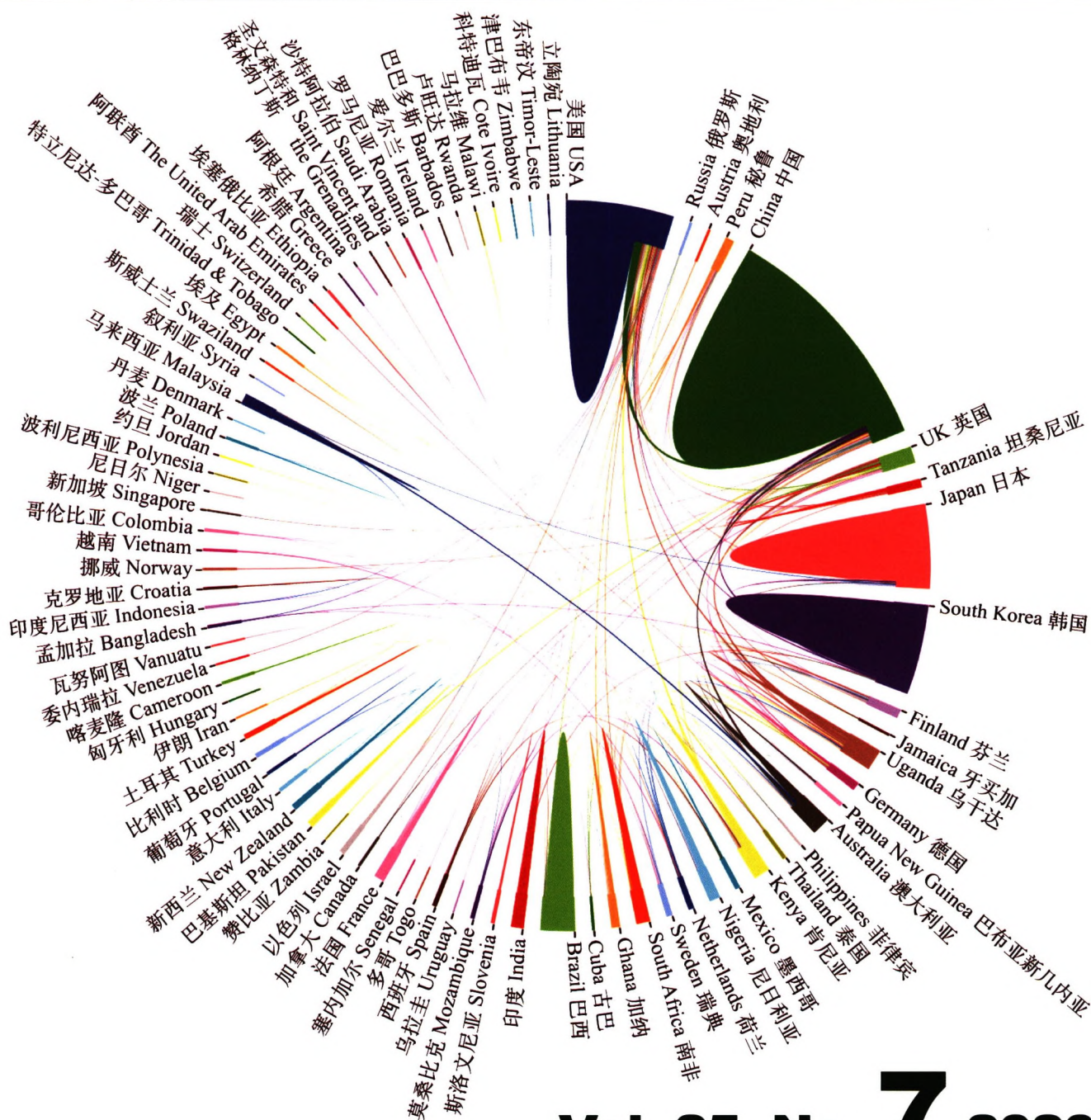
Q K 2 0 3 3 5 9 7

ISSN 1001-9333

CODEN ZNDXAA

中国农业大学学报

JOURNAL OF CHINA AGRICULTURAL UNIVERSITY



Vol. 25 No. 7 2020

目 次

小麦‘Fielder’ ω -醇溶蛋白基因及启动子的克隆与序列分析 郭丹丹 李保云(1)

遮阴及氮肥对新疆南疆冬小麦粒重和灌浆特性的影响
..... 张宏芝 王立红 陈阜 赵奇 孔德鹏
胡爱芝 王重 张跃强 樊哲儒 李剑峰(10)

生物活性物质提高玉米种子萌发及抗盐能力
..... 王晨霞 任如佳 常瑞雪 慕康国 陈清(20)

玉米倒伏的影响因素及抗倒伏性研究进展
..... 杨德光 马德志 于乔乔 孙玉珺 顾万荣 柴孟竹 张倩(28)

硼缓释型高吸水性树脂对油菜基质育苗的影响研究
..... 李雪嫒 王宇欣 王平智 封玲(39)

国内外甘薯研究态势述评 唐朝臣 黄立飞 王章英(51)

苹果根际解磷菌的分离筛选及解磷能力 庄馥璐 柴小粉 高蓓蓓 王忆(69)

采煤塌陷区生态修复技术研究进展 徐艳 王璐 樊嘉琦 秦佳星(80)

考虑土壤水平衡的灌区水资源优化配置研究 赵敏 郭萍 张妍(91)

南疆植被总初级生产力对区域降水的响应规律 卢娜 牛俊(103)

CRISPR/Cas9 系统介导的人乳铁蛋白基因在山羊 β -乳球蛋白基因座定点敲入
..... 宋绍征 张婷 潘生强 陆睿 成勇 周鸣鸣(111)

JSRV-*env* 慢病毒过表达载体构建及其对 NIH3T3 细胞增殖的影响
..... 杨惠 刘淑英(120)

夏季层叠式蛋鸡舍乳头式饮水工艺细菌含量检测
..... 万意 盛环宇 马瑞钰 杜强 杨荣斌 詹凯(128)

谷物联合收割机在线产量监测综述

——测产传感方法、产量图重建和动力学模型

..... 金诚谦 蔡泽宇 倪有亮 刘政(137)

生产者质量控制认知及行为一致性检验

——以牧区肉羊养殖户为例..... 樊慧丽 付文阁(153)

城市化对居民液态奶消费的影响

——基于农民工的视角..... 贺子轩 方向明 郑晓冬(163)

美国食品上市公司召回启动时间影响因素的实证分析

..... 李洋 陈业莉 LIU Sandra(173)

信息技术视角下县域农产品电商绩效评估及其影响因素分析..... 贾铖 夏春萍(183)

蔬菜生产要素替代关系..... 吴舒 穆月英 聂凤英(196)

农地转出行为是否会改变农民家庭的生计策略

——基于 CFPS 微观数据的 DID 模型估计 赵立娟 康显超 邢骁(205)

风险感知、公众形象诉求对农户绿色农业技术采纳度的影响

..... 王璇 张俊飏 何可 何培培(213)

CONTENTS

Cloning and sequence analysis of the coding region and promoter of ω -gliadin genes
from wheat ‘Fielder’ (*Triticum aestivum* L.) GUO Dandan , LI Baoyun (1)

Effects of shading and nitrogen fertilizer on grain weight and grain-filling
characteristics of winter wheat in Southern Xinjiang
..... ZHANG Hongzhi , WANG Lihong , CHEN Fu , ZHAO Qi , KONG Depeng ,
HU Aizhi , WANG Zhong , ZHANG Yueqiang , FAN Zheru , LI Jianfeng (10)

Optimum concentration of different bioactive substances to improve the
germination and salt tolerance of maize seeds
..... WANG Chenxia , REN Rujia , CHANG Ruixue , MU Kangguo , CHEN Qing (20)

Research progress on influencing factors of lodging and lodging resistance in maize
..... YANG Deguang , MA Dezhi , YU Qiaoqiao , SUN Yujun ,
GU Wanrong , CAI Mengzhu , ZHANG Qian (28)

Effect of boron sustained-release superabsorbent resin on the growth and development of
rapeseed seedlings LI Xueyuan , WANG Yuxin , WANG Pingzhi , FENG Ling (39)

Advances in scientific research on sweet potato during the period 2000—2019:
A bibliometric analysis TANG Chaochen , HUANG Lifei , WANG Zhangying (51)

Isolation and screening of phosphorus-solubilizing bacteria in apple rhizosphere
..... ZHUANG Fulu , CHAI Xiaofen , GAO Beibei , WANG Yi (69)

Ecological restoration technologies in coal-mining subsidence area: A review
..... XU Yan , WANG Lu , FAN Jiaqi , QIN Jiaxing (80)

Study on the water optimal allocation in irrigation district based on considering soil water balance
..... ZHAO Min , GUO Ping , ZHANG Yan (91)

Response of gross primary production in Southern Xinjiang to regional precipitation
..... LU Na , NIU Jun (103)

hLF gene knock-in at the *BLG* locus of goat by CRISPR/Cas9 system
..... SONG Shaozheng , ZHANG Ting , PAN Shengqiang ,
LU Rui , CHENG Yong , ZHOU Mingming (111)

Construction of JSRV- <i>env</i> lentiviral vector and its influence on proliferation of NIH3T3 cells		YANG Hui , LIU Shuying (120)
Detection of bacterial content in the nipple watering system of layer house		
with cascading cages in summer	WAN Yi , SHENG Huanyu , MA Ruiyu ,	
	DU Qiang , YANG Rongbin , ZHAN Kai (128)	
Research review on online grain yield monitoring for combine harvester:		
Yield sensing, yield mapping and dynamic model		
.....	JING Chengqian , CAI Zeyu , NI Youliang , LIU Zheng (137)	
Analysis of the cognitive and behavior consistency of producer quality control:		
A case study of mutton sheep farmers in pastoral areas	FAN Huili , FU Wenge (153)	
Effect of urbanization on liquid milk consumption:		
Based on migrant workers' perspective		
.....	HE Zixuan , FANG Xiangming , ZHENG Xiaodong (163)	
Empirical analysis on influencing factors affecting the recall initiation time of		
American listed food companies	LI Yang , CHEN Yeli , LIU Sandra (173)	
Performance evaluation of county agricultural products e-commerce and		
its influencing factors from the perspective of information technology		
.....	JIA Cheng , XIA Chunping (183)	
Factor substitution relationships of vegetable production		
.....	WU Shu , MU Yueying , NIE Fengying (196)	
Will land renting-out behavior change the livelihood strategies of farmers:		
A DID model estimation based on CFPS micro data		
.....	ZHAO Lijuan , KANG Xianchao , XING Xiao (205)	
Influence of risk perception and public image appeal on the acceptability of		
farmers' green agriculture technology		
.....	WANG Xuan , ZHANG Junbiao , HE Ke , HE Peipei (213)	

官方网站



中国农业大学学报
Zhongguo Nongye Daxue Xuebao

(月刊, 1996年创刊)

第25卷 第7期 2020年7月

主管单位 中华人民共和国教育部

主办单位 中国农业大学

主 编 李保国

副 主 编 袁文业

编辑出版 《中国农业大学学报》编辑部
100193 北京海淀区圆明园西路2号
010-6273 2619

印 刷 北京科信印刷有限公司

国内发行 《中国农业大学学报》编辑部

国外发行 中国国际图书贸易总公司
(北京399信箱)

JOURNAL OF CHINA
AGRICULTURAL UNIVERSITY

(Monthly, Started in 1996)

Vol. 25 No. 7 July 2020

Responsible Institution Ministry of Education of P. R. C.

Sponsored by China Agricultural University

Editor-in-chief LI Baoguo

Edited, Published and Distributed by Editorial Board of
Journal of China Agricultural University

Address No. 2 Yuanmingyuan Xilu, Beijing 100193, China

Abroad Distributed by China International Book

Trading Corporation, P. O. Box 399, Beijing, China

Telephone +86-10-6273 2619

E-mail xuebao@cau.edu.cn **http:** //zgnydxxb.ijournals.cn

刊号 ISSN 1007 - 4333
CN 11 - 3837/S

国内定价 30.00元/期
360.00元/年

ISSN 1007-4333



0 7>

9 771007 433207