

节水灌溉



2023 8

武汉大学 中国灌溉排水发展中心 主办

WATER SAVING IRRIGATION

大禹节水 DAYU IRRIGATION

股票代码：300021

以大禹治水精神 做大禹节水事业

“以利润为中心，全力转型升级，全员履职尽责，全面提升专业能力，人人当好企业前行的发动机”

2023年半年工作总结大会 · 七一大会

扫描二维码 获取更多资讯



大禹节水



中国节水论坛

电话：40008-30021、022-59679308

网址：www.dyjs.com、www.cndayu.com

地址：甘肃省酒泉市肃州区解放路290号、天津市

武清区京滨工业园民旺道10号、北京市丰台

区丽泽路24号院平安幸福中心B座33、35层

ISSN 1007-4929



08>

9 771007 492235

目 次

不同微咸水灌溉方式对压砂地土壤水盐及pH空间变异的影响	贺英豪 谭军利 王西娜 等(1)
肥液浓度对双点源涌泉根灌土壤入渗特征及水分运移的影响	张俊 缪丽娜 何振嘉 等(10)
栖龙湾土壤侵蚀影响因子分析	王敏 靳洪杰 高宗军 等(17)
基于CEEMDAN-TCN模型的河南省月降水量预测	王硕 陈中举 许浩然 等(26)
基于Logistic模型的盐渍农田向日葵根长密度分布模拟	任志鹏 何良伟(34)
不同坡面条件下土壤水分运移规律和保蓄能力研究	张涛 张建新 范文波 等(44)
基于GA-FUZZY-PID算法的精准施肥控制系统研究	王昊 张立新 吴勋 等(52)
滦河支流水质评价及农业面源污染来源的相关性	郝桂珍 熊晓莹 赵勇 等(59)
基于柑橘叶面积指数和产量的WOFOST模型关键参数校正	陈潇宇 崔宁博 姜守政 等(70)
基于分层水量平衡模型的蓄水坑灌果园土壤水分动态模拟	张甜甜 郭向红 雷涛 等(80)
南疆休作期棉田墒情调控及播种前适宜灌水阈值研究	王晓艳 白云岗 柴仲平 等(89)
水质处理对雾培抗堵性能及番茄生长的影响	侯诗宇 肖娟 杨杰 等(95)
基于全耦合的地表水土壤水运动与溶质运移数值模拟	鲁舒心 万愉快 孙伯颜 等(102)
半干旱区放牧管理草地土壤优先流特征及其影响因素研究	侍世玲 韩若琳 蒙仲举(110)
国内玉米高效节水灌溉水肥一体化技术研究现状与展望	王绍新 李楠 王传娟 等(121)
基于FLUENT的农业灌溉管路微型水轮机发电效率的分析与研究	李杰 翁泽城 潘鹤立(129)
灌溉量和滴灌方式对酿酒葡萄品质的影响及综合评价	牛小霞 马忠明 陈娟 等(136)
□信 息□	
新兴铸管公司用优质服务保障重大项目建设进度	白占顺(43)

Water Saving Irrigation

(Monthly)

August 2023

No.8(2023), Total No.336

Contents

Effects of Different Brackish Water Irrigation Methods on Spatial Variability of Soil Moisture, Salinity and pH in Gravel-sand Mulched Soil	..... HE Ying-hao, TAN Jun-li, WANG Xi-na, et al.(1)
Effect of Fertilizer Concentration on Soil Infiltration Characteristics and Water Transport Under Double Point Source in Bubbled-root Irrigation	..... ZHANG Jun, GOU Li-na, HE Zhen-jia, et al.(10)
Analysis of the Influencing Factors of Soil Erosion in Qilong Bay	..... WANG Min, JIN Hong-jie, GAO Zong-jun, et al.(17)
Prediction of Monthly Precipitation in Henan Province Based on CEEMDAN-TCN Model	..... WANG Shuo, CHEN Zhong-ju, XU Hao-ran, et al.(26)
Simulation of Root Length Density Distribution of Sunflower in Saline Farmland Based on Logistic Model	..... REN Zhi-peng, HE Liang-wei(34)
Study on Soil Water Transport and Storage Capacity under Different Slope Conditions	..... ZHANG Tao, ZHANG Jian-xin, FAN Wen-bo, et al.(44)
A Precise Fertilization Control System Based on GA-FUZZY-PID Algorithm	..... WANG Hao, ZHANG Li-xin, WU Xun, et al.(52)
Water Quality Evaluation of Luanhe Tributaries and Correlation of Agricultural Non-Point Source Pollution	..... HAO Gui-zhen, XIONG Xiao-ying, ZHAO Yong, et al.(59)
Key Parameter Calibration of WOFOST Model Based on Citrus Leaf Area Index and Yield	..... CHEN Xiao-yu, CUI Ning-bo, JIANG Shou-zheng, et al.(70)
Simulation of Soil Moisture Dynamics in a Water Storage Pit Irrigated Orchard Based on Stratified Water Balance Model	..... ZHANG Tian-tian, GUO Xiang-hong, LEI Tao, et al.(80)
Study on Soil Moisture Control and Suitable Irrigation Threshold Before Planting in Cotton Field During off Cropping Period	..... WANG Xiao-yan, BAI Yun-gang, CHAI Zhong-ping, et al.(89)
Effect of Water Treatment on Anti-blocking Performance and Tomato Growth in Aeroponics	..... HOU Shi-yu, XIAO Juan, YANG Jie, et al.(95)
A Fully Coupled Numerical Simulation of Water Movement and Solute Transport in Surface and Soil	..... LU Shu-xin, WAN Yu-kuai, SUN Bo-yan, et al.(102)
Characteristics of Soil Preferential Flow and Its Influencing Factors in Grazing Grassland in Semi-arid Area	..... SHI Shi-ling, HAN Ruo-lin, MENG Zhong-ju(110)
Research Status and Prospect of Water and Fertilizer Integration Technology for High Efficiency Water Saving Irrigation of Maize in China	..... WANG Shao-xin, LI Nan, WANG Chuan-juan, et al.(121)
Analysis and Research on Power Generation Efficiency of Micro-turbine in Agricultural Irrigation Pipeline Based on FLUENT	..... LI Jie, WENG Ze-cheng, PAN He-li(129)
Effects of Different Irrigation Amount and Drip Irrigation Modes on Wine Grape Fruit Quality and Comprehensive Evaluation	..... NIU Xiao-xia, MA Zhong-ming, CHEN Juan, et al.(136)

Competent Authorities: Ministry of Education

Sponsor: Wuhan University

China Irrigation and Drainage Development Centre

Publisher and editor: Editorial Department of Water Saving Irrigation
(Wuhan University, Wuhan, 430072, China)

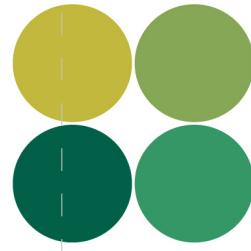
Editor in Chief: Cui Yuanlai **Distribute Scope:** Worldwide

Domestic Subscription: Every Post Office in China

E-mail: jieshuiguangai@188.com

Homepage: <http://www.irrigate.com.cn/>

专业必用 真的UMC

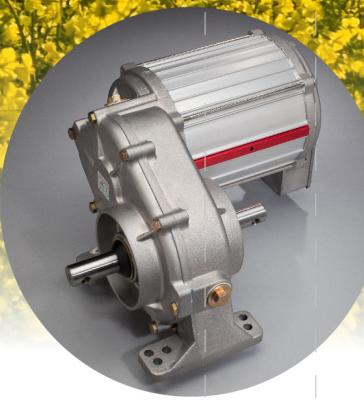


UMC

5年质保，源于用心品质。



齿轮箱



电机



联轴器



扫一扫
即刻加入
UMC

UMC中国销售以及服务

电话: 010-64820076 | chinasales@umcproducts.cn

最终解释权归UMC所有