



QK1863854



201812

节水灌溉

中国国家灌溉排水委员会 中国灌溉排水发展中心 主办
武汉大学 国家节水灌溉北京工程技术研究中心

WATER SAVING IRRIGATION



大禹节水
DAYU WATER-SAVING

股票简称：大禹节水 股票代码：300021

国际灌排委员会（ICID）第一家中国企业成员

「物联网+云技术」 智慧化控制平台

智慧水务



大禹节水集团股份有限公司
Dayu Water-saving Group Co.,Ltd

地址：天津市武清区京滨工业园民旺路10号

电话：022-59679301

传真：022-59679307

http://www.dyjs.com

E-mail:dyjs@dyjs.com

ISSN 1007-4929



9 771007 492082

节水灌溉

2018年第12期 总第280期

目次

□试验研究□

- 施氮量对盐碱土入渗特征参数影响的试验研究 秦显艳 王春霞 何新林(1)
- 基于微润灌不同灌水方式对大棚辣椒生长的影响 梁鹏 申丽霞 王银花 等(5)
- 基于称重式蒸渗仪的温室秋茬礼品西瓜蒸散特征及影响因子 杨宜 李银坤 陶虹蓉 等(8)
- 加气条件下土壤 CO₂ 排放对土壤过氧化氢酶活性及番茄生长的响应 胡文同 杨志超 郑心洁 等(12)
- 气象因素对柑桔树植株日间蒸腾作用的影响研究 葛亮 董晓华 李璐 等(17)
- 非充分供水表层掺砂土壤水分入渗及再分布试验研究 刘旋旋 董晓华 郭梁锋 等(24)
- 不同水肥条件对滴灌制种玉米产量和水分利用效率的影响 张立勤 车宗贤 崔云玲 等(29)
- 不同覆膜宽度对棉花土壤水分及地温的影响研究 王东旺 吕廷波 何新林 等(33)
- 开沟覆膜滴灌条件下葡萄生育期土壤温度变化研究 陆华天 刘洪光(38)
- 不同矿化度微咸水灌溉对压砂地欧李光合作用及产量品质的影响 张璐瑶 沈晖 姚自凯 等(44)
- 微咸水矿化度与滴头流量对土壤湿润体的影响与模拟 王泽鹏 郭向红(49)

□水环境与水资源□

- 近 56 年西南地区四季参考作物蒸散量变化成因分析 刘悦 崔宁博 李果 等(54)
- 基于 PCA 与熵权的贝叶斯地下水环境质量评价模型 胡漾 唐金平 陈友良 等(60)
- 沂源县地下水水质评价及成因分析 杨鹏 计量 朱伟 等(65)
- 北京通州区潜水水化学特征及形成分析 蓝天杉 苗晋杰 白耀楠 等(70)

□工程管理□

- 基于逼近理想解法的汾河流域节水灌溉发展水平评价 吕平 马娟娟(77)
- 农业节水灌溉技术服务供需结构性失衡研究——基于新疆棉农的实证 蒲娟 余国新(82)
- 基于 EEMD 与 Elman 网络的灌区地下水埋深预测模型 张先起 宋超 胡登奎(86)
- 京杭大运河江苏段里运河沿线大中型灌区灌溉用水量计量方法探讨 王滇红 蔡守华 张健(92)
- 冬小麦归一化植被指数日变化规律及拟合模型研究 崔婷 张智韬 崔晨凤 等(97)

□工程技术□

- 覆膜条件下不同施氮量对花生产量和水分利用效率的影响 黄鹏 李援农 谷晓博 等(104)
- 库容法在灌区量水中的应用 刘德斌 张健 邹玉田 等(109)
- 基于 LORA 通信的山地果园灌溉系统 龙晓明 王跃亭 俞龙 等(114)

Water Saving Irrigation

(Monthly)

December 2018

No.12(2018) , Total No.280

Contents

- An Experimental Study on Infiltration Parameters Between Nitrogen Application and Saline Alkali Soil QIN Xian-yan, WANG Chun-xia, HE Xin-lin(1)
- Effects of Different Micro - irrigation Methods on Growth of Pepper in Greenhouse LIANG Peng, SHEN Li-xia, WANG Yin-hua, et al.(5)
- Evapotranspiration Characteristics and Influence Factors of Autumn Mini-watermelon in Greenhouse on the Basis of Weighing Lysimeter
..... YANG Yi, LI Yin-kun, TAO Hong-rong, et al.(8)
- Response of Soil CO₂ Emission to Soil Catalase Activity and Tomato Growth under Aerated Condition
..... HU Wen-tong, YANG Zhi-chao, ZHENG Xin-jie, et al.(12)
- Effects of Meteorological Factors on Daytime Transpiration of Citrus Trees GE Liang, DONG Xiao-hua, LI Lu, et al.(17)
- An Experimental Study on Water Infiltration and Redistribution of Surface Soil Mixed with Sand under Non-sufficient Water Supplied
..... LIU Xuan-xuan, DONG Xiao-hua, GUO Liang-feng, et al.(24)
- The Effect of Drip Irrigation under Different Water and Fertilizer Condition on Yield and Water Use Efficiency of Seed Corn
..... ZHANG Li-qin, CHE Zong-Xian, CUI Yun-ling, et al.(29)
- Effects of Different Film Width on Soil Moisture and Soil Temperature of Cotton WANG Dong-wang, LÜ Ting-bo, HE Xin-lin, et al.(33)
- A Study on Soil Temperature Change in Grape Growth Period under Drip Irrigation with Trenching and Coating LU Hua-tian, LIU Hong-guang(38)
- The Influences of Brackish Water Irrigation with Different Salinity on Photosynthesis, Yield and Quality of *Cerasus humilis* in Gravel-mulched Field.....
..... ZHANG Lu-yao, SHEN Hui, YAO Zi-kai, et al.(44)
- Influence and Simulation of Brackish Water Salinity and Emitter Discharge on Soil Wetting Volume WANG Ze-peng, GUO Xiang-hong(49)
- Attribution Analysis of Seasonal Reference Crop Evapotranspiration in Southwest China in Recent 56 Years LIU Yue, CUI Ning-bo, LI Guo, et al.(54)
- Bayesian Groundwater Environmental Quality Assessment Model Based on Principal Component Analysis and Entropy Weight
..... HU Yang, TANG Jin-ping, CHEN You-liang, et al.(60)
- Groundwater Quality Evaluation and Cause Analysis in Yiyuan County YANG Peng, JI Liang, ZHU Wei, et al.(65)
- Hydrochemical Characteristics and Formation Analysis of Phreatic Water in Tongzhou District of Beijing
..... LAN Tian-shan, MIAO Jin-jie, BAI Yao-nan, et al.(70)
- A Study on Water Saving Irrigation Development Level at Fen River Basin Based on the Technique for Order Preference by Similarity to Ideal Solution...
..... LÜ Ping, MA Juan-juan(77)
- Structural Imbalance of Supply and Demand of Agricultural Water-saving Irrigation Technology: An Empirical Study Based on Cotton Farmers in Xinjiang
..... PU Juan, YU Guo-xin(82)
- Research on Groundwater Depth Prediction Model of Irrigation District Based on EEMD and Elman Neural Network
..... ZHANG Xian-qi, SONG Chao, HU Deng-kui(86)
- Discussion on Measurement Method of Irrigation Water in Large and Medium-sized Irrigation Area along the Li Canal of Beijing-Hangzhou Grand Canal in
Jiangsu Province WANG Dian-hong, CAI Shou-hua, ZHANG Jian(92)
- Study on Variation Curve and Fitting Model of Winter Wheat Canopy *NDVI* CUI Ting, ZHANG Zhi-tao, CUI Chen-feng, et al.(97)
- Effects of Different Nitrogen Application Quantity Under Film Mulching on Yield And Water Use Efficiency
..... HUANG Peng, LI Yuan-nong, GU Xiao-bo, et al.(104)
- Application of Storage Capacity Method in Measurement of Irrigation Water Volume LIU De-bin, ZHANG Jian, ZOU Yu-tian, et al.(109)
- Mountain Orchard Irrigation System Based on LORA Communication LONG Xiao-ming, WANG Yue-ting, YU Long, et al.(114)

Competent Authorities: Ministry of Water Resources

Sponsor: Chinese National Committee on Irrigation and Drainage

China Irrigation and Drainage Development Centre

Wuhan University

National Center of Efficient Irrigation Engineering and Technology Research-Beijing

Publisher and editor: Editorial Department of Water Saving Irrigation

(Wuhan University, Wuhan, 430072, China)

Editor in Chief: Li Yuanhua

Distribute Scope: Worldwide

Domestic Subscription: Every Post Office in China

E-mail: jieshuiguangai@188.com

Homepage: [http:// www.irrigate.com.cn](http://www.irrigate.com.cn)

专业必用 真的UMC

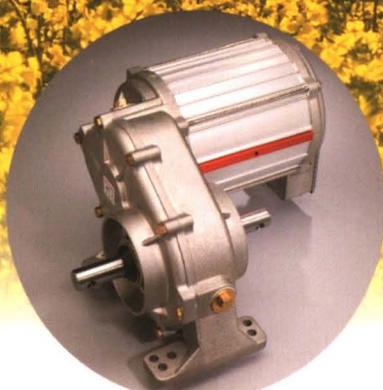


UMC

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中国销售及服务
电话: 010-64820076 | chinasales@umcproducts.cn

最终解释权归UMC所有

ISSN1007-4929
刊号数据 CN42-1420/TV

国外代号: M3153 邮发代号: 38-17 订购处: 全国各地邮局 定价: 10.00元/册