

BK1904545

节水灌溉



2019 2

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

主办

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

万方数据

节约用水 灌溉

2019年第2期 总第282期

目次

¹ See, e.g., *United States v. Ladd*, 10 F.3d 1250, 1254 (11th Cir. 1993) (“[A]nyone who has ever been to a bar or restaurant knows that it is common for people to leave a tip.”).

□试验研究□

- 华北土石山区 13 种灌木树种蒸腾耗水特性比较 尹振海 丁杰 杨新兵(1)
 基于空间插值的室内湿度场模拟方法比较分析 郑世健 付聪 万博雨 等(7)
 基于有效积温的设施茄子营养生长期蒸散量模拟系统 王贺垒 韩宪忠 范凤翠 等(11)
 水动式比例施肥泵大田性能影响因素试验研究 吴锡凯 王文娥 胡笑涛 等(18)
 向日葵各器官干物质和吸氮量的积累与分配规律 杨黎 魏占民 徐大为(22)
 起垄滴灌对宁夏盐渍土及桑蔓草的影响研究 何俊 李梦刚 李兴强 等(29)
 干旱胁迫对夏玉米叶片光合特性及产量的影响 路振广 邱新强 张明智 等(34)
 宁夏扬黄灌区马铃薯水分生产函数试验研究 任秋实 孙兆军 王力 等(43)
 不同灌水定额下冬灌效应及其随时间的变化特征 马武光 胡笑涛 周始威 等(47)
 不同水肥组合和覆膜方式对移栽蒙古扁桃生长状况的影响 李昱鹏 李援农 付广军 等(51)
 滴头间距和施肥方式对烤烟产质量的影响 王玉珏 薛如君 马二登 等(59)
 基于 Hydrus-1D 的滴灌土壤水分运移数值模拟 徐丽萍 张朝晖(64)

水环境与水资源

- 土地利用数据精度对泾河上游区径流模拟影响研究 李雪 马孝义 (68)
 基于 DRASTIC 模型的地下水脆弱性评价综合赋权研究 胡旭东 聂晶晶 梅红波 等 (74)
 水环境治理 PPP 项目公众满意度评价 汪伦焰 李稳敏 李慧敏 等 (80)
 基于改进 TOPSIS 模型的连云港市水资源承载力研究 夏欢 陈菁 许杨 等 (86)
 不同土质的浅层土壤水盐运移规律模拟——以内蒙古解放闸灌域为例 周亮 苏涛 赵令 (91)
 基于 ENVI 的大纵湖流域土地利用变化及其对水质影响研究 张馨元 陈菁 许静波 等 (96)
 微咸水灌溉对冬小麦光合及荧光动力学参数的影响 于清 候云寒 徐征和 等 (102)

□工程技术□

- 含沙水源低压管道灌溉防淤措施研究 陈文猛 钱 钧 袁 园 等(107)

□工程管理□

- 基于最优组合赋权模糊物元模型的节水灌溉项目综合评价 陕振沛 张府柱 张文林 等(110)
微灌鱼雷网式过滤器的推广应用研究 阿力甫江·阿不里米提 虎胆·吐马尔白 木拉提·玉赛音 等(114)
基于 GA-Elman 神经网络的参考作物需水量预测 李志新 赖志琴 龙云墨(117)
蔬菜水肥一体化研究进展分析 吴现兵 白美健 李益农 等(121)

□信 □

- 《节水灌溉》投稿须知 (67)
欢迎订阅《节水灌溉》 (109)

Water Saving Irrigation

(Monthly)

February 2019

No.2(2019), Total No.282

Contents

Comparison of The Transpiration and Water Consumption Characteristics of 13 Shrub Plants in Mountain Area of Northern China	YIN Zhen-hai, DING Jie, YANG Xin-bing(1)
Comparative Analysis of Indoor Humidity Field Simulation Methods Based on Spatial Interpolation	ZHENG Shi-jian, FU Cong, WAN Bo-yu, et al.(7)
Dynamic Simulation System of Eggplant Evapotranspiration at Vegetative Growth Stage Based on Effective Accumulated Temperature	WANG He-lei, HAN Xian-zhong, FAN Feng-cui, et al.(11)
An Experimental Study on Influence Factors of Field Performance of Hydrodynamic Proportional Fertilization Pump	WU Xi-kai, WANG Wen-e, HU Xiao-tao, et al.(18)
The Accumulation and Distribution of Dry Matter and Nitrogen Absorption in Sunflower Organs	YANG Li, WEI Zhan-min, XU Da-wei(22)
Effect of High Ridge Drip Irrigation on Saline Soils and Forage Sorghum of Ningxia	HE Jun, LI Meng-gang, LI Xing-qiang, et al.(29)
Effects of Drought Stress on Leaves Photosynthetic Characteristics and Yield of Summer Maize	LU Zhen-guang, QIU Xin-qiang, ZHANG Ming-zhi, et al.(34)
An Experimental Research on Water Production Function for Potato in Yellow River Pumping Irrigation Area of Ningxia	REN Qiu-shi, SUN Zhao-jun, WANG Li, et al.(43)
Winter Irrigation Effect and Its Variation with Time Under Different Irrigation Quotas	MA Wu-guang, HU Xiao-tao, ZHOU Shi-wei, et al.(47)
Effects of Different Water and Fertilizer Combinations and Film Mulching Methods on the Growth Status of Transplanted Mongolian Almond (Amygdalus Mongolica)	LI Yu-peng, LI Yuan-nong, FU Guang-jun, et al.(51)
Effects of Dripper Interval and Fertilization on Yield and Quality of Flue - cured Tobacco	WANG Yu-jue, XUE Ru-jun, MA Er-deng, et al.(59)
The Influence of Spatial Resolution of Land Use Data on Runoff Simulation in the Upstream of Jinghe River Basin	LI Xue, MA Xiao-yi(68)
Combinated Weight Distribution of Groundwater Vulnerability Assessment Based on DRASTIC Model	HU Xu-dong, NIE Jing-jing, MEI Hong-bo, et al.(74)
Public Satisfaction Evaluation of PPP Project in Water Environment Treatment	WANG Lun-yan, LI Wen-min, LI Hui-min, et al.(80)
A Study on Water Resources Carrying Capacity in Lianyungang Based on the Improved TOPSIS Model	XIA Huan, CHEN Jing, XU Yang, et al.(86)
Simulation of Water and Salt Transport in Shallow Soil with Different Soil Quality: A Case Study of Jiefangzha Irrigation Area of Inner Mongolia	ZHOU Liang, SU Tao, ZHAO Ling(91)
Land Use Change and Its Impact on Water Quality in Dazong Lake Basin Based on ENVI	ZHANG Xin-yuan, CHEN Jing, XU Jing-bo, et al.(96)
Effects of Brackish Water Irrigation on Photosynthetic Characteristics and Fluorescence Kinetics Parameters of Winter Wheat	YU Xiao, HOU Yun-han, XU Zheng-he, et al.(102)
Study on Anti-deposition Measures for Irrigation of Low-pressure Pipelines with Sandy Water Source	CHEN Wen-meng, QIAN Jun, YUAN Yuan, et al.(107)
Comprehensive Evaluation of Water-saving Irrigation Project Based on Optimal Combination Weighted Fuzzy Matter-element Model	SHAN Zhen-pei, ZHANG Fu-zhu, ZHANG Wen-lin, et al.(110)
Research on Extension and Application of Micro-irrigation Torpedo Screen Filter	Alifujiang · Abulimiti, Hudan · Tumaerbai, Mulati · Yusaiyin, et al.(114)
Prediction of Water Demand for Reference Crops Based on GA-Elman Neural Network Model	LI Zhi-xin, LAI Zhi-qin, LONG Yun-mo(117)
Research Summary about the Technology of Fertigation for Vegetables	WU Xian-bing, BAI Mei-jian, LI Yi-nong, et al.(121)

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>

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