

TABLE OF CONTENTS**目 录****昌吉市水资源利用现状及管理对策****Utilization Status and Management Countermeasures of Water Resources in Changji City**

- 高艳新..... 433

基于产业化发展的红掌生产和应用**Production and Application of *Anthurium andraeanum* Based on Industrialization Development**

- 沈琳, 沈野磊, 喻航..... 439

伏旱烟叶采收成熟度研究**Study on Harvesting Maturity of Flue-Cured Tobacco**

- 陈勇华, 文贊, 孙红权, 龙鹏臻, 艾永峰, 史金钟, 刘国权..... 448

土壤溶磷微生物的研究进展及应用**Research Progress and Application of Phosphate-Solubilizing Microorganisms in Soils**

- 王向向, 陈静宇, 曹旭, 孟利强, 刘志庭, 张烨, 李萌, 于德水..... 453

基于电商助农的物流协同策略研究**Research on Logistics Coordination Strategy Based on E-Commerce Assistance to Agriculture**

- 杨路明, 王诗淇, 李海兰..... 459

章姬草莓茎尖离体快繁研究**Study of *in Vitro* Rapid Propagation of Shoot Tips of Zhangji Strawberry**

- 鞠正福, 蔡雯竹, 杜欣可..... 474

K326 上部烟叶烘烤技术要点**K326 Main Points of Upper Tobacco Baking Technology**

- 陈勇华, 孙红权, 龙鹏臻, 艾永峰, 刘其镜, 文贊, 刘国权..... 479

板栗林下套种竹芋栽培技术及效益分析**Analysis of the Cultivation Technique and Benefit of Interplanting Arrowroot in Chestnut Tree**

- 谢恩俊, 罗春芳, 杨龙, 欧珍贵, 饶萍, 岑英湘, 赵久云, 曾光秀, 王功林, 黄国周, 黄青..... 484

德州市智慧农业发展现状及对策**Dezhou Intelligent Agriculture Development Status and Countermeasures**

- 王璐, 李春华, 刘光慧, 禹光媛, 刘玉芳, 刘学成, 张慧丽..... 489

不同培养温度对金针菇生长情况的影响**Effects of Different Culture Temperatures on the Growth of *Flammulina filiformis***

- 潘辉, 郭力刚, 李正鹏, 陆欢..... 494

威宁白萝卜产业现状与高质量发展分析

Analysis on Current Situation and High-Quality Development of Weining Turnip Industry

张睿, 徐艳, 杨祎祎, 莫定仪, 陶惠..... 501

牡丹江植烟区宜机化现状与机械化进程分析及对策

Analysis and Countermeasures on the Current Situation Suitable for Mechanization and Process of Mechanization in Mudanjiang Tobacco Growing Area

张剑飞, 韩世欣, 范若增, 贺国强..... 505