

TABLE OF CONTENTS

目 录

Studies on the Flower Bud Differentiation of Grape Cultivars in Greenhouse in Ningxia
(宁夏设施葡萄促成栽培花芽分化研究)

J. ZHANG, H. J. ZHANG.....1227

The Comparative Study on Cold-Resistance Physiological Index of Grape Rootstock Blade
(葡萄砧木叶片抗寒生理指标的比较研究)

A. L. WANG, S. J. BAI, J. S. CAI.....1232

Research Progress of Plant Hormones Strigolactones
(植物源激素独脚金内酯的研究进展)

B. J. WANG, D. M. FENG, S. Q. SUN, D. SHEN, X. N. CUI.....1239

Effect of Full Organic Fertilization on Growth Traits and Quality of Different Tomato Varieties
(全有机施肥方式对不同番茄品种生长性状及品质影响试验)

X. J. QIN, J. C. LI.....1245

Effects of Different Culture Mediums on the Growth of Potted *Heuchera* Spp
(不同栽培基质对盆栽矾根生长的影响)

L. M. FU, J. Q. HUANG, X. N. LI, X. H. WU, H. M. YANG, L. S. LIU, Y. F. NING, L. WEI.....1250

Research on the Evaluation System of Innovation Platform of “Agricultural Valley” in Shanxi Province
(山西“农谷”创新平台评价体系研究)

Y. YU, Y. P. LI, Y. YANG, P. F. LIU.....1256

Effects of Biomass Power Plant Ash on the Composting Characteristics
(生物质电厂灰渣对堆肥特性影响的研究)

B. Y. MA, H. LI.....1265

Research on the Development Strategy of Ecological Agriculture Industry in the New Era and New Concept—Taking Huai'an as an Example
(新时代新理念下生态农业产业发展策略研究——以淮安市为例)

H. Y. ZHOU, K. R. ZHOU.....1272

The Supercooling Point and Freezing Point of *Ectropis grisescens* Warren
(灰茶尺蠖过冷却点和冰点的测定)

J. H. CHEN, J. YIN, X. M. YIN, H. Z. SHI, S. B. GUO.....1278

Research on the Adjustment of Agricultural Structure in Heilongjiang Province from the Perspective of Rural Industrial Convergence Development
(农村一二三产业融合发展视域下的黑龙江省农业产业结构调整研究)

Q. Y. CHAI, Z. L. SUN.....1283

Analysis on the Promotion of Local Agricultural Economic Development by Leading Enterprises
(龙头企业促进农村经济发展研究)

Z. H. TIAN.....1294

Digital Measurement Method of Rice Grain Based on Image Filtering Technology
(基于图像滤波技术的水稻谷粒数字化测量方法)

S. HUA, Z. F. XU.....1299

Effects of Greenfeed Slow Release Fertilizer on “Red Fuji” Apple Fruit Quality in Luochuan, China
(新型高效缓释肥料绿丰“大力丸”对洛川红富士苹果果实质量的效果)

N. G. CHAI, T. Q. LIU, J. L. WEI, F. L. WANG.....1307

Research Progress of *Morinda officinalis* Disease
(巴戟病害的研究进展)

M. LUO, Y. X. SHU, W. L. ZHANG, Z. Y. DONG.....1312

Study on Extraction Technology of Total Flavonoids from Leaves of Huanghua Pear
(黄花梨叶片总黄酮提取工艺研究)

M. HE, D. P. WANG.....1318

High Yield and High Efficiency Cultivation Techniques of Fresh-Food Corn in Liaodong Area
(辽东地区鲜食玉米高产高效栽培技术)

G. D. WANG, S. C. YU.....1324

Apple Orchard Information Collection System Based on ZigBee and RFID:
System Implementation and Verification
(基于 ZigBee 与 RFID 的苹果果园信息采集系统：系统实现与验证)

Z. C. LV, L. H. ZHENG, J. QIAO.....1328

Using Quality Control Method to Reduce the Design Time of Irrigation System
(运用 QC 方法减少灌溉制度计算设计工日)

Y. XIE.....1336

Research on Plant-Protecting Operation Recommendation Algorithm Based on Log Data Processing
(基于日志处理的植保作业推荐算法研究)

Z. C. LV, L. H. ZHENG, Z. YANG, W. YANG, M. Z. LI.....1343

A Preliminary Analysis of How to Increase the Added Value of Forestry Industry in Longhai City
for Better Promoting the Sustainable Development of Forestry
(浅谈如何增加龙海市林业产业附加值，促进林业可持续发展)

Y. Q. GAO.....1353

Study on the Effect of “Helufeng” Water Soluble Fertilizer on Grapes
(“禾绿丰”水溶肥在葡萄上施用效应研究)

X. W. NI, Y. P. SHI, J. F. HUANG, C. Z. XIONG, D. SUN.....1358