

TABLE OF CONTENTS

目 录

The Influence of Using Different Amendments on the Growth and Yields of the Crop

(不同改良剂对作物生长发育及产量的影响)

L. LI, X. ZHANG, J. X. SHI, X. H. DAI.....179

Effect of *Bidens pilosa* Extracts on Germination and Seedling Growth of Two Kinds of Warm-Season Turfgrass

(三叶鬼针草水浸提液对两种暖季型草坪草种子萌发和幼苗生长的影响)

Y. LUO, T. GONG, W. Y. FENG, N. X. CHEN, Y. L. CHEN, W. J. OU.....188

Nanyue Dendrobium Resources Collect Cultivation and Applied Research

(南岳石斛资源收集栽培与应用研究)

J. L. XIA, F. B. HE, L. YANG, J. L. LI, B. G. KUANG, P. F. LI, X. L. XIA.....194

Local Sun-Cured Tobacco Germplasm Resources for the Genotypic Difference of Tobacco Black Shank Resistance and the Mechanisms of Tobacco Black Shank

(地方晒烟资源对烟草黑胫病抗性的基因型差异以及烟草黑胫病机理的研究)

Y. LI, L. S. ZHU, Q. YAO, X. L. ZHANG, W. GUO, C. S. YAN.....201

The Effects of Different Dosage of Biological Fertilizer on Growth and Yield of Maize

(不同施用量生物菌肥对玉米生长发育及产量的影响)

M. Y. LI, X. SHI, M. J. SHI, Y. R. YANG, T. YUE, W. H. ZHOU, W. X. HE, Z. X. JIN, Y. Z. MAO.....209

A Brief Analysis of Potato's Development Advantages in Ankang

(浅析马铃薯产业在安康的发展优势)

K. M. YANG.....216

Study on Antibrowning Agents for Fresh-Cut White Mushroom (*Agaricus bisporus*)

(鲜切蘑菇防褐变剂的研究)

Y. LIU, Y. CHEN, S. J. CHEN, D. SHI, Y. CHEN, L. L. ZHANG.....219

Research on Effects of Manganese on Nitrogen Transport in Soil Columns

(微量元素锰对耕作层氮元素的迁移规律研究)

W. Q. DENG, M. M. WANG, M. D. RAN, Y. X. LIANG.....224

Breeding and Application of High Yield Late Rice New Combination Wuyou 76

(高产晚稻新组合五优 76 的选育与应用)

R. Y. TU, L. F. SONG, Y. Y. ZHONG, Q. ZHOU, Y. Y. LI.....230

Determination of Four Endogenous Phytohormones in Seeds of *Phellodendron amurense* by High Performance Liquid Chromatography (HPLC)
(HPLC 同时测定黄檗种子中 4 种内源植物激素)

G. X. ZHANG, F. WANG, Y. H. ZHANG.....238

Analysis of Genetic Diversity with SSR Markers on Winter Barley Germplasm Resources in Tibet
(西藏冬青稞种质资源的 SSR 标记遗传多样性分析)

X. MENG, X. Q. ZENG, Q. M. WANGMO, N. M. TASHI.....245

Research on Nanotechnology Applied to Cadmium Treatment and Increase Production of Agriculture
(纳米技术在农业镉治理及增产提质上的应用研究)

J. H. GONG, H. L. XUE.....252

Effects of Returned-Straw on Soil Microorganism Amount and Soil Enzyme Activity
(秸秆还田对土壤微生物数量及土壤酶活性的影响)

L. DONG, S. Z. TIAN, Y. F. ZHANG, H. H. GUO, Z. H. LIU, Z. MA, W. F. BIAN, R. Q. LI, J. F. LUO.....267

Study on Population Characteristics and High-Yield Cultivation Key Skills of Good Taste Japonica Rice Nanjing 9108 Which Yields 800 kg/mu (667 sq.m.) by Pot Seedling Mechanical Rice Transplanting
(优质食味粳稻品种南粳 9108 钵苗机插单产超 800 kg 群体特征与高产关键栽培技术研究)

J. Q. SHI, A. G. WU, Y. W. LI.....273