

## 目 次

施用沼肥对温室土壤养分和重金属含量的影响	樊文华 刘晋峰 王志伟 单江艳(1)
菌剂对农副产品加工废弃物堆肥腐熟的促进作用	王利宾 胡可(5)
休闲期施肥覆盖对旱地小麦产量、品质的影响	邓妍 李青 孙敏 赵维峰 邓联峰 高志强(9)
旱地起垄覆膜微集水种植玉米技术研究	白秀梅 卫正新 郭汉清(13)
临界生长温度锻炼对棉苗中 POD 活性及抗冷性的影响	王莉 范月仙 王鹏 郝辉芳 李生泉(18)
晋中北柴胡引种与播期试验	谭春玲 王玉庆 贾学思(22)
转 <i>TaCRT</i> 基因拟南芥植株表型分析及抗性鉴定	王计平 王瑞云 史华平 李润植(26)
坡向和坡位对水曲柳中龄林生长的影响	王向荣 孙海龙 余鑫 谷加存(30)
莱阳三种蛀果害虫化学防治适期的研究	顾松东 郑长英 于毅 李丽莉 郑伯平(35)
铜绿假单胞菌 FJAT-346 对番茄枯萎病的生防作用	郝晓娟 刘波 谢关林 肖荣凤 陈璐(39)
太谷地区小菜蛾及其捕食性天敌消长动态研究	田晶 郝赤(44)
BHT 对 6 种植物病原真菌抑制作用的研究	关晔晴 陈红兵 张宝俊 韩巨才 刘慧平(47)
除草剂现锄对国槐生理生化影响的研究	王华(50)
STS 预处理对切花金鱼草瓶插生理的影响	高琼 吕炳璋(53)
芦笋皮提取物抗氧化性研究	冯翠萍 程俊丽 周玉龙 李贵 南婧(57)
大蒜气生鳞茎愈伤诱导和植株再生	袁学军 李艳丽(61)
蛔虫草菌丝体液体发酵培养条件的优化研究	程红艳 郭伟 常明昌 孟俊龙 杨杰(66)
板栗蛋白质的提取及多肽的制备	张帅 张培宜 冯翠萍(73)
微波松散设备参数对叶丝常规化学成分的影响	何蓉 周学政 李东亮 张洪波 戴亚(77)
基于系统动力学的生态工业系统模型构建——以南通经济技术开发区为例	王瑾 钱新 钱瑜(80)
旋转填充床中多种高级氧化工艺的比较	李鑫 曾泽泉 邵磊(86)
有机物影响天然沸石吸附氨氮的实验研究	陈辅强(91)
“拍搓式谷子脱粒机”获国家发明专利	(21)
“利用高压交变电场处理番茄的方法”获国家发明专利	(65)

**百年农大世纪学人**

山西农业大学作物生物技术博士生导师王金胜	(封二)
山西农业大学饲料作物生产与利用博士生导师董宽虎	(封三)

**Contents**

Effects of Biogas Fertilizer on the Contents of Nutrients and Heavy Metal Elements in Soil of Greenhouse .....	FAN Wen-hua, LIU Jin-feng, WANG Zhi-wei, SHAN Jiang-yan(1)
The Research of Microbial Inoculum in Industry and Agriculture Reject Compost Process Promoter Action .....	WANG Li-bin, HU Ke(5)
Effect of Different Coverings and Fertilizers in Leisure Period on Wheat Yield and Quality Under Dryland Condition .....	DENG Yan, LI Qing, SUN Min, ZHAO Wei-feng, DENG Lian-feng, GAO Zhi-qiang(9)
Study on Micro-rainwater Catchment and Planting Technique of Ridge Film Mulching and Furrow Seeding of Corn in Dryland .....	BAI Xiu-mei, WEI Zheng-xin, GUO Han-qing(13)
Effect of Cold-hardening at the Survival Threshold Low Temperature on Activities of POD and Chilling Tolerance of Cotton Seedlings .....	WANG Li, FAN Yue-xian, WANG Peng, HAO Hui-fang, LI Sheng-quan(18)
<i>Bupeurum Chinense</i> DC. Introduction and Sowing Time Experiment in Jinzhong .....	TAN Chun-ling, WANG Yu-qing, JIA Xue-si(22)
Phenotype Analysis and Resistance Identification of the Transgenic <i>TaCRT Arabidopsis</i> Plants .....	WANG Ji-ping, WANG Rui-yun, SHI Hua-ping, LI Run-zhi(26)
Influence of Aspect and Position of Slope on the Growth of Mid-age <i>Fraxinus mandshurica</i> Rupr. Plantation .....	WANG Xiang-rong, SUN Hai-long, YU Xin, GU Jia-cun(30)
Studies on the Appropriate Time of Chemical Control to Three Fruit-boring Pests in Laiyang .....	GU Song-dong, ZHENG Chang-ying, YU Yi, LI Li-li, ZHENG Bo-ping(35)
Biocontrol Effect Against Tomato Fusarium Wilt of <i>Pseudomonas aeruginosa</i> Strain FJAT-346 .....	HAO Xiao-juan, LIU Bo, XIE Guan-lin, XIAO Rong-feng, CHEN Lu(39)
Studies on the Population Dynamics of <i>Plutella xylostella</i> L. and Predators in the Oilrape field of Taigu Region, Shanxi, China .....	TIAN Jing, HAO Chi(44)
Study on the Inhibition Effect of BHT on Six Kinds of Plant Pathogenic Fungi .....	GUAN Ye-qing, CHEN Hong-bing, ZHANG Bao-jun, HAN Ju-cai, LIU Hui-ping(47)
Studies on the Effect of Herbicide Fluoroglycophene on Physiological Characteristics of <i>Sophora japonica</i> L. .....	WANG Hua(50)
Effects of Vase Physiology of STS Pretreatment on Cut Flower <i>Antirrhinum majus</i> .....	GAO Qiong, LV Jiong-zhang(53)
Study on the Bioactivities of Extracts From <i>Asparagus</i> Peel .....	FENG Cui-ping, CHENG Jun-li, ZHOU Yu-long, LI Gui, NAN Jing(57)
Development of a Plant Regeneration System from Dulils -Derived Calluses of Garlic .....	YUAN Xue-jun, LI Yan-li(61)
Study of Optimization on Liquid Fermentation Conditions of <i>Cordyceps militaris</i> Mycelium .....	CHENG Hong-yan, GUO Wei, CHANG Ming-chang, MENG Jun-long, YANG Jie(66)
Extraction of Chinese Chestnut Protein and Preparation of the Ployptides .....	ZHANG Shuai, ZHANG Pei-yi, FENG Cui-ping(73)
The Effects of Microwave Loosening Machine on Routine Chemical Components of Cut Lamina .....	HE Rong, ZHOU Xue-zheng, LI Dong-liang, ZHANG Hong-bo, DAI Ya(77)
Method: A Case Study in the Nantong Economic and Technology Development Zone .....	WANG Jin, QIAN Xin, QIAN Yu(80)
The Comparison of Advanced Oxidation Processes in Decomposing Acid Red B in a Rotating Packed Bed .....	LI Xin, ZENG Ze-quan, SHAO Lei(86)
Study on Ammonia Adsorption into Natural Zeolites in the Presence of Organic Compounds .....	CHEN Fu-qiang(91)
"Rubbing-slapping Style Millet Sheller" was Granted the National Invention Patent of China. ....	(21)
"The Treatment Method of Tomatos by using the High-voltage Electric Field" was Granted the National Invention Patent of China .....	(65)

**Agricultural University for a Hundred Years and the Scholars for One Century**

Doctoral Supervisor of Crop Biotechnology, Shanxi Agricultural University; WANG Jinsheng .....	Inside front cover
Doctoral Supervisor of Forage Production and Utilization, Shanxi Agricultural University; DONG Kuanhu .....	Inside back cover