

ISSN 2097-1354

# 植物医学

PLANT HEALTH AND MEDICINE

中华人民共和国教育部 主管  
西南大学 主办

2022.3  
第1卷/第3期

# 植物医学

第1卷 第3期

总第3期

2022年6月25日出版

## 目 次

### ·专题综述·

- 论植物医生 ..... 丁伟, 姚学文 (001)  
根系分泌物介导的植物-微生物相互作用 ..... 皮静, 周星月,  
滕凯, 田明慧, 李石力 (011)  
云南烟区烟草病虫害的立体防治 ..... 杨程 (018)

### ·植物病害与病理·

- 育苗基质拌菌对凉山州烟株生长和病害防控效果研究 ..... 梁辉, 王勇, 江连强,  
李峰, 刘东阳, 江其朋 (025)  
川东北地区小麦赤霉病重发原因及绿色防控对策 ..... 杜雪花, 肖孟, 张翔宇 (034)  
10种药用植物乙醇提取物的抑真菌活性研究 ..... 赵永田, 王兴娥,  
张练, 王克英, 吴艳春 (040)  
S-诱抗素与中生菌素联用对烟草青枯病的协同防控作用 ..... 王垚, 李昆鸿, 巢进,  
王定强, 张承, 滕凯, 田明慧, 毛辉, 周郑雄 (047)  
围蔸培土技术对烟草生长和抗病性的影响 ..... 王振国, 朱鑫, 陈天才, 王克,  
陈伦飞, 罗建钦, 陈海涛, 冉茂, 金亚波, 孙现超 (054)  
重庆市奉节县烟田秸秆腐殖质所含病毒及其传毒效率检测 ..... 金亚波, 何伟光, 王振国,  
陈天才, 罗建钦, 黄崇峻, 陈海涛, 冉茂, 孙现超 (061)  
几种药剂对林芝苹果白粉病的田间防效评价 ..... 张欢欢, 李路, 相栋 (067)

### ·植物虫害与生态·

- 树干喷雾防治小线角木蠹蛾研究 ..... 王勇, 马玉龙, 信晓萌,  
张殿福, 孙春凯, 董子钢, 王刚 (074)  
天敌昆虫在重庆市园林害虫可持续治理中的应用 ..... 曹荣, 周涵宇, 胡月 (079)  
2株烟粉虱高致病力病原棒束孢菌株的毒力测定 ..... 任丽梅, 苏正钦,  
欧达, SHAUKATAli, 邱宝利 (086)

### ·植保与健康管理技术·

- 益阳市油茶林主要病虫害及其综合防控技术 ..... 罗光耀, 郭赛, 王迪轩,  
何永梅, 王佐林, 徐军锋, 李琳 (094)  
土壤调理剂对木耳菜产量及酸化土壤改良的作用 ..... 王鑫, 陈佳, 常义,  
刘星, 周士涛, 陈海燕 (107)  
永泰县猕猴桃细菌性溃疡病发生的原因与防治策略 ..... 王海云 (113)  
我国农药水分散粒剂产品登记现状与改进建议 ..... 刘刚, 张雪冰,  
程琳琳, 康熙龙, 王璐, 吴美 (119)

**JOURNAL OF SOUTHWEST CHINA  
NORMAL UNIVERSITY  
(PLANT HEALTH AND MEDICINE)**

Vol. 1 No. 3

Total No. 3

Jun. , 2022

---

**CONTENTS**

- Discuss on the Plant Doctor ..... DING Wei, YAO Xuwen (001)
- Plant-Microbial Interaction Mediated by Root Exudates ..... PI Jing, ZHOU Xingyue,  
TENG Kai, TIAN Minghui, LI Shili (011)
- Three-Dimensional Control of Tobacco Diseases and Insect Pests in Yunnan Tobacco-producing Area  
..... YANG Cheng (018)
- Study on Effect of Seedling Bio-Substrate on Tobacco Growth and Disease Control in Liangshan Prefecture  
..... LIANG Hui, WANG Yong, JIANG Lianqian,  
LI Feng, LIU Dongyang, JIANG Qipeng (025)
- Causes and Green Prevention and Control Measures of Wheat Scab in Northeast Sichuan  
..... DU Xuehua, XIAO Meng, ZHANG Xiangyu (034)
- Antifungal Activity of Ethanol Extracts from Ten Medicinal Plants ..... ZHAO Yongtian, WANG Xing'e,  
ZHANG Lian, WANG Keying, WU Yanchun (040)
- Synergistic Effect of S-Abscisic Acid Combined with Zhongshengmycin on Control of Tobacco Bacterial Wilt  
..... WANG Yao, LI Kunhong, CHAO Jin, WANG Dingqiang,  
ZHANG Cheng, TENG Kai, TIAN Minghui, MAO Hui, ZHOU Zhengxiong (047)
- Effect of Enclosure Cultivation Technology on the Growth and Disease Resistance of Tobacco  
..... WANG Zhenguo, ZHU Xin, CHEN Tiancai, WANG Ke,  
CHEN Lunfei, LUO Jianqin, CHEN Haitao, RAN Mao, JIN Yabo, SUN Xianchao (054)
- Virus in Humus of Tobacco Field and Its Transmission Efficiency in Fengjie, Chongqing  
..... JIN Yabo, HE Weiguang, WANG Zhenguo, CHEN Tiancai,  
LUO Jianqin, HUANG Chongjun, CHEN Haitao, RAN Mao, SUN Xianchao (061)
- Evaluation of Field Control Efficacy of Several Fungicides Against Apple Powdery Mildew in Nyingchi  
..... ZHANG Huanhuan, LI Lu, XIANG Dong (067)

- Study on Trunk Spraying for Control of *Holcocerus insularis* Staudinger ..... WANG Yong, MA Yulong,  
XIN Xiaomeng, ZHANG Dianfu, SUN Chunkai, DONG Zigang, WANG Gang (074)
- Application of Natural Enemy Insects in Sustainable Management of Garden Pests in Chongqing  
..... CAO Rong, ZHOU Hanyu, HU Yue (079)
- Pathogenicity Evaluation of Two *Isaria strains* for Whitefly *Bemisia tabaci* Biological Control  
..... REN Limei, SU Zhengqin, OU Da, SHAUKAT Ali, QIU Baoli (086)
- Main Diseases and Insect Pests of *Camellia oleifera* Forest in Yiyang City and Their Comprehensive  
Prevention and Control Techniques ..... LUO Guangyao, GUO Sai, WANG Dixuan,  
HE Yongmei, WANG Zuolin, XU Junfeng, LI Lin (094)
- The Effects of Soil Conditioner on Improvement of Malabar Spinach Yield and Acidified Soil ..... WANG Xin,  
CHEN Jia, CHANG Yi, LIU Xing, ZHOU Shitao, CHEN Haiyan (107)
- Causes and Control Strategies of Kiwifruit Bacterial Canker in Yongtai County ..... WANG Haiyun (113)
- Current Situation on Registration of Pesticide Water Dispersible Granule Product in China and Improvement  
Suggestions ..... LIU Gang, ZHANG Xuebing, CHENG Linlin, KANG Xilong, WANG Lu, WU Mei (119)