

植物病理学报

第 40 卷 第 6 期

目 次

2010 年 12 月

病原学

- 561 长时间低温处理有助于加强黄瓜花叶病毒 CMV-BF 2b 基因的多态性
侯焱, 张兴桃, 庄木, 李艳红
- 568 樱桃病毒 A 北京分离物外壳蛋白的原核表达及抗血清制备
郭颂, 张福兴, 怀晓, 周颖, 张瑞, 范在丰, 周涛

细胞生物学、生理学、生物化学、分子生物学

- 574 水稻瘤矮病毒 S11 基因沉默抑制子的原核表达及抗血清制备
赵芹, 沈文锦, 张翼翔, 刘福秀, 李华平
- 579 水稻条斑病菌 *hvpB1* 基因决定寄主致病性和非寄主过敏反应的功能研究
刘之洋, 邹丽芳, 邹华松, 陈功友
- 587 小麦蓝矮植原体免疫膜蛋白 (Imp) 的跨膜区影响其在大肠杆菌中的表达
孙润红, 于祥泉, 陶烨, 杨洋, 吴云锋, 张银武, 李艳
- 593 大麦条纹花叶病毒中国株编码 βC 蛋白可以自身相互作用
孙现超, 赵文军, 薛杨

致病性与抗病性遗传

- 601 云南景洪疣粒野生稻抗白叶枯病相关基因表达分析
付坚, 吕广磊, 程在全
- 609 新疆野苹果和秦冠的抗黑星病特性
胡小平, 张吉光, 陈婧, 周书涛, 杨家荣, 康振生

流行学与生态学

- 615 陕西省小麦禾谷镰刀菌的遗传多样性研究
刘恒, 侯丽娟, 马红娜, 白耀博, 李强, 王保通

植物病害及其防治

- 622 应用实时荧光定量 RT-PCR 检测几种食用菌蛋白抗烟草花叶病毒的活性
廖芳, 严红, 赵素芳, 李兴红

研究简报

- 628 进境澳大利亚油菜籽中茎基溃疡病菌的检测
易建平, 周国梁, 印丽萍, 陈仲兵, 郑建中
- 632 应用细菌磁颗粒实时荧光 RT-PCR 检测南瓜花叶病毒 孙宁, 邓丛良, 么磊, 陈继峰
- 636 3 种瓜类枯萎病菌 *Fusarium oxysporum* 的分子检测
张淑梅, 赵晓宇, 张先成, 孟利强, 李晶, 张云湖, 王玉霞
- 642 安徽桑黄花型萎缩病植原体 16S rDNA 序列分析及分子检测 卢全有
- 647 花生斑驳病毒青岛分离物 *cp* 基因序列克隆与分析
刘媛媛, 侯珊珊, 常文程, 阴筱, 贾金磊, 李向东, 迟玉成
- 651 云南甘蔗杆状病毒的分子检测及其对甘蔗品质和产量的影响
李文凤, 黄应昆, 姜冬梅, 张志想, 张本利, 李世访
- 655 分子标记辅助选择小麦抗白粉病兼抗赤霉病聚合体
宋伟, 张敏, 杨继芝, 罗培高, 龚国淑, 涂坦
- I 2011 年《植物病理学报》稿约
- IV 《植物病理学报》第 40 卷总目录

封面照片的注释见侯焱等的文章(563 页)。

ACTA PHYTOPATHOLOGICA SINICA

Volume 40 Number 6

CONTENTS

December 2010

ETIOLOGY

- 561 Long-term treatment of low temperature enhanced the polymorphism of *Cucumber mosaic virus-BF 2b* gene HOU Yan, ZHANG Xing-tao, ZHUANG Mu, LI Yan-hong
- 568 Prokaryotic expression of coat protein of *Cherry virus A* isolate Beijing and preparation of the polyclonal antiserum GUO Song, ZHANG Fu-xing, HUAI Xiao, ZHOU Ying, ZHANG Rui, FAN Zai-feng, ZHOU Tao

CELL BIOLOGY, PHYSIOLOGY, BIOCHEMISTRY, AND MOLECULAR BIOLOGY

- 574 Prokaryotic expression and antiserum preparation of a RNA silencing suppressor encoded by *Rice gall dwarf virus* segment 11 ZHAO Qin, SHEN Wen-jin, ZHANG Yi-xiang, LIU Fu-xiu, LI Hua-ping
- 579 The *hrpBI* gene of *Xanthomonas oryzae* pv. *oryzicola* is required for hypersensitive response in nonhost tobacco and pathogenicity in host rice LIU Zhi-yang, ZOU Li-fang ZOU Hua-song, CHEN Gong-you
- 587 Influence of the transmembrane region of immunodominant membrane protein (*Imp*) from wheat blue dwarf phytoplasma on *Imp* expression in *Escherichia coli* SUN Run-Hong, YU Xiang-Quan, TAO Ye, YANG Yang, WU Yun-Feng, ZHANG Yin-Wu, LI Yan
- 593 Interaction of β C protein of *Barley stripe mosaic virus* China strain (BSMV-CH) with itself SUN Xian-chao, ZHAO Wen-jun, XUE Yang

GENETICS OF DISEASE-RESISTANCE AND PATHOGENICITY

- 601 Expression and analysis of diseases resistance-related genes in *Oryza meyeriana* Baill of Jing-hong Yunnan Province FU Jian, LV Guang-lei, CHENG Zai-quan
- 609 Resistance characteristics of Xinjiang wild apple and Qinguan cultivars to apple scab HU Xiao-ping, ZHANG Ji-guang, CHEN Jing, ZHOU Shu-tao, YANG Jia-rong, KANG Zhen-sheng

EPIDEMIOLOGY AND ECOLOGY

- 615 Genetic diversity of *Fusarium graminearum* from wheat in Shaanxi Province LIU Heng,

HOU Li-juan, MA Hong-na, BAI Yao-bo, LI Qiang, WANG Bao-tong

PLANT DISEASE AND CONTROL

- 622 Real-time fluorescent quantitative RT-PCR method to determine the antiviral activity of edible mushroom proteins against *Tobacco mosaic virus* (TMV) LIAO Fang, YAN Hong, ZHAO Su-fang, LI Xing-hong

RESEARCH NOTES

- 628 Detection of *Leptosphaeria maculans* (*Phoma lingam*) in oilseed rape samples imported from Australia YI Jian-ping, ZHOU Guo-liang, YIN Li-ping, CHEN Zhong-bing, ZHENG Jian-zhong
- 632 Application of bacterial magnetic particles real-time RT-PCR for detecting *Squash mosaic virus* SUN Ning, DENG Cong-liang, YAO Lei, CHEN Ji-feng
- 636 Molecular detection of *Fusarium oxysporum* in cucumber, watermelon and melon ZHANG Shu-mei, ZHAO Xiao-yu, ZHANG Xian-cheng, MENG Li-qiang, LI Jing, ZHANG Yun-hu, WANG Yu-xia
- 642 Molecular detection and sequence analysis on 16S ribosomal DNA of phytoplasma associated with mulberry yellow dwarf disease occurring in Anhui LU Quan-you
- 647 Cloning and analysis of the *cp* gene of two *Peanut mottle virus* isolates from Qingdao LIU Yuan-yuan, HOU Shan-shan, CHANG Wen-cheng, YIN Xiao, JIA Jin-lei, LI Xiang-dong, CHI Yu-cheng
- 651 Detection of *Sugarcane bacilliform virus* isolate and its influence on yield and quality of cane in Yunnan LI Wen-feng, HUANG Ying-kun, JIANG Dong-mei, ZHANG Zhi-xiang, ZHANG Ben-li, LI Shi-fang
- 655 Pyramiding resistance to powdery mildew and *Fusarium* head blight (FHB) by molecular marker-assisted selection (MAS) SONG Wei, ZHANG Min, YANG Ji-zhi, LUO Pei-gao, Gong Guo-shu, TU Tan