

# 中外葡萄 与葡萄酒

SINO-OVERSEAS GRAPEVINE & WINE



NO.4/2019

WWW.VW1976.CN

ISSN 1004-7360



官方 微信

 Crop<sup>®</sup> 北农华 葡萄健康植保专业服务商

在葡萄领域我们只做**1米的宽度**  
却执着于**1千米的深度**

聚焦葡萄深度服务广大葡萄种植户  
从病害的诊断到方案的实施  
持续的跟踪与服务

  




北农华——专注葡萄解决方案的定点企业

# 目 次

2019年7月 第4期 总第226期

## 研究 报告

- 1 烟台地区酿酒葡萄果蝇的发生规律及粘虫板的防效  
邵学东, 王咏梅, 任凤山, 张正文, 高欢欢
- 6 生物菌肥施肥量对‘美乐’葡萄光合及果实品质的影响  
杨文莉, 白洁洁, 杨泽康, 王博, 代红军, 王振平
- 14 烟台产区‘蛇龙珠’与‘马瑟兰’果实酚类物质的对比分析  
王瑜, 于素珍, 肖慧琳, 郑秋玲, 刘万好, 唐美玲
- 20 温度对鲜食葡萄采后灰霉病发生规律的影响  
集贤, 张平, 朱志强, 李志文, 商佳胤, 魏雅纯
- 24 高CO<sub>2</sub>浓度下外源糖对‘黑比诺’葡萄试管苗生长及光合特性的影响  
金晓雲, 赵鑫, 苏艳丽, 刘伊骐, 冯致, 毛娟
- 29 花期不同摘心时期对葡萄坐果率的影响  
查倩, 奚晓军, 和雅妮, 方献平, 蒋爱丽
- 32 葡萄同步全营养配方水溶肥在‘弗雷无核’上的应用  
张金亮, 姚成盛, 王海波, 史祥宾, 赵同良, 崔东生
- 36 鲜食葡萄表皮生物性危害因子及链格孢毒素分析  
张伟, 刘保友, 臧宏伟, 鹿泽启, 张悦丽, 刘传德
- 41 多异瓢虫对葡萄斑叶蝉的捕食作用  
宋双, 姜彩鸽, 赵亚楠, 王国珍, 张怡

## 栽 培 技 术

- 45 葡萄二次果的诱导及水培盆景培育技术  
葛金涛, 吴秋月, 王金生, 赵文静, 曹燕妮, 刘兴满
- 48 葡萄新品种‘晨香’在浙江温岭的引种报告  
徐小菊, 江海娥, 干希聪
- 52 无锡地区葡萄大株形优质栽培技术及效益分析  
王建平, 陆爱华, 华继平, 杨裕兴, 邢惠兴, 李德平
- 55 ‘阳光玫瑰’葡萄定位栽培技术  
金晓飞, 陈哲

## 综 述

- 58 葡萄酒溶解氧含量及其影响因素的研究进展  
侯曼美, 李宗峰, 唐晓辉, 孙倩, 司佳, 郭艳辉
- 64 葡萄酒及果露酒中的甲醇及降低措施  
于清琴, 张颖超, 王咏梅, 杨立英, 史红梅

## 行 业 观 察

- 68 国家精品资源共享课程“葡萄酒生产技术与工艺”的建设  
张存智, 张宏, 刘晶, 纳嵘
- 72 云南省酿酒葡萄产业发展现状及竞争策略  
赵俊, 代建菊, 李永平, 黎艳, 董莉

# CONTENTS

Jul. 2019 No.4 Serial No.226

## RESEARCH REPORT

- 1 Occurrence of fruit flies in wine grape and the control effect of sticky insect board  
SHAO Xuedong, WANG Yongmei, REN Fengshan, ZHANG Zhengwen, GAO Huanhuan
- 6 Effects of application rate of biological bacteria fertilizer on photosynthesis and fruit quality of 'Merlot' grapevine  
YANG Wenli, BAI Jiejie, YANG Zekang, WANG Bo, DAI Hongjun, WANG Zhenping
- 14 Comparative analysis of phenolic compounds between 'Cabernet Gernischt' and 'Marselan' grape in Yantai region  
WANG Yu, YU Suzhen, XIAO Huilin, ZHENG Qiuling, LIU Wanhai, TANG Meiling
- 20 Effect of temperature on occurrence of postharvest gray mold in table grape  
JI Xian, ZHANG Ping, ZHU Zhiqiang, LI Zhiwen, SHANG Jiayin, WEI Yachun
- 24 Effects of exogenous sugars on growth and photosynthetic characteristics of 'Pinot Noir' grapevine plantlets under high CO<sub>2</sub> concentration  
JIN Xiaoyun, ZHAO Xin, SU Yanli, LIU Yiqi, FENG Zhi, MAO Juan
- 29 Effects of different tip removal periods on the fruit setting rate of grape during flowering  
ZHA Qian, XI Xiaojun, HE Yani, FANG Xianping, JIANG Aili
- 32 Application of synchronous whole nutrient formula water soluble fertilizer on 'Flame Seedless' grapevine  
ZHANG Jinliang, YAO Chengsheng, WANG Haibo, SHI Xiangbin, ZHAO Tongliang, CUI Dongsheng
- 36 Analysis of biological hazardous factors and *Alternaria* toxins of table grape epidermis  
ZHANG Wei, LIU Baoyou, ZANG Hongwei, LU Zeqi, ZHANG Yueli, LIU Chuande
- 41 Studies on predation of *Hippodamia variegata* on *Erythroneura apicalis*  
SONG Shuang, JIANG Caige, ZHAO Yanan, WANG GUOZHEN, ZHANG Yi

## VITICULTURE

- 45 Induction of second fruits of grapevine and cultivation of potted landscape by hydroponic culture  
GE Jintao, WU Qiuyue, WANG Jinsheng, ZHAO Wenjing, CAO Yanni, LIU Xingman
- 48 A report on the new grape variety 'Chenxiang' in Wenling of Zhejiang  
XU xiaoju, JIANG haie, GAN xicong
- 52 Fine cultivation techniques and benefit analysis of grapevine with large-plant-shaped in Wuxi area  
WANG Jianping, LU Aihua, HUA Jiping, YANG Yuxing, XING Huixing, LI Deping
- 55 Positioning cultivation techniques of 'Shine Muscat' grapevine  
JIN Xiaofei, CHEN Zhe

## SUMMARY

- 58 Research progress on dissolved oxygen content and its influencing factors in wine  
HOU Manmei, LI Zongfeng, TANG Xiaohui, SUN Qian, SI Jia, GUO Yanhui
- 64 Methanol in fruit wine and its reducing measures  
YU Qingqin, ZHANG Yingchao, WANG Yongmei, YANG Liying, SHI Hongmei

## INDUSTRY OBSERVATION

- 68 Construction of national fine resource sharing course "wine production technology and process"  
ZHANG Cunzhi, ZHANG Hong, LIU Jing, NA Rongn
- 72 Development status and competitive strategy of wine grape industry in Yunnan province  
ZHAO Jun, DAI Jianjun, LI Yongping, LI Yan, DONG Li