

目 次

2010年11月 总第166期

试验研究

- 4 部分根域限制和微喷灌对干旱地区成龄葡萄生长发育的影响

许文平, 王官富, 李亚利, 伍国红, 孙峰,
骆强伟, 王世平

- 8 葡萄果实成熟过程中含氮化合物的变化

惠竹梅, 周起

- 12 3个主要产区赤霞珠干红葡萄酒酚类物质及花色苷的分析

张瑛莉, 董新平, 刘延琳

- 16 泾阳产区主要酿酒葡萄品种果实品质研究

贾永, 张振文

- 20 不同架式与负载量对红地球葡萄果实品质的影响

赵文东, 满丽婷, 孙凌俊, 高圣华, 赵海亮, 马丽

- 23 Photoshop软件在园艺试验测量中的应用

——种测量葡萄花蕾大小的新方法

齐永顺, 王同坤, 张京政, 程瑞月, 张会龙

- 26 红地球葡萄二次果花序分化过程初探

石雪晖, 蔡桂华, 杨国顺, 王先荣, 刘昆玉,

钟晓红, 熊兴耀, 倪建军, 郭光银

- 29 不同有机营养液处理对玫瑰香营养袋葡萄苗生长的影响

高扬, 田淑芬, 黄建全, 商佳胤, 王丹

栽培技术

- 32 “大果宝”在醉金香葡萄上的应用效果

杨治元

- 35 2009年黄羊滩、红寺堡等酿酒葡萄基地葡萄冻害调查报告

李玉鼎, 宋文章, 宋长冰, 关晓燕, 蔡建设

- 38 浙江欧美杂交种葡萄优质安全设施栽培模式

吴江, 程建徽, 魏灵珠, 李琳, 袁金波

- 41 日光温室无核白鸡心葡萄栽培技术总结

赵常青, 王世洪, 崔连柱, 蔡之博

- 43 山东大泽山地区金手指葡萄避雨栽培试验初报

王恒振, 王咏梅, 亓桂梅, 吴新颖, 张久慧

- 46 白罗莎里奥葡萄设施栽培关键技术

王华新, 沈建生, 陈一帆, 陈邦君

- 48 秋红宝葡萄及其亲本抗病性调查分析

赵旗峰, 马小河, 董志刚, 唐晓萍, 陈俊

- 50 新疆设施葡萄提早成熟栽培的气象条件观测

高原, 马会刚, 杨磊, 朱晓丽, 戴瑞玉, 杨承时

- 52 无核紫葡萄冬季修剪反应试验

刘卫英

- 54 几种抗寒葡萄资源的生根及抗寒试验初报

单杨

酿造加工

- 55 现代葡萄酒陈酿和勾兑工艺的实践探索

陈大为, 都振江, 栾红蕾, 魏晓岩

- 60 沙城产区雷司令干白葡萄酒香气成分的GC-MS分析

孙鹏飞, 李福东, 尹建邦, 马振华

综 述

- 63 中国葡萄苗木生产现状和发展建议

赵胜建, 董雅凤, 王忠跃, 刘崇怀

- 69 中国葡萄产品国际竞争力的测评分析

闫智勇, 冯建英, 陈旭, 穆维松

- 72 利用微生物进行葡萄酒降酸的研究进展

孙丙升, 夏广丽, 张谦博, 孙凤燕, 张晓燕

总 目 次

- 77 2010年总目次

广 告

- 80 欢迎订阅2011年《烟台果树》

封一: 张裕国际酒庄联盟

封二: 上海杰兔工贸有限公司

封三: 浙江轻机实业有限公司

封底: 山东省江北葡萄研究所

SINO-OVERSEAS GRAPEVINE & WINE

CONTENTS

Nov. 2010 Serial No. 166

EXPERIMENT & RESEARCH

4 Effect of partial root-restriction and micro sprinkling irrigation on growth and development of mature grapevine in dry region

Xu Wenping, Wang Guanfu, Li Yali, Wu Guohong, Sun Feng, Luo Qiangwei, Wang Shiping

8 The changes of nitrogen compounds during maturing of grape berry

Xi Zhumei, Zhou Qi

12 Analysis of polyphenol & anthocyanin composition in dry red wines made from berries of Cabernet Sauvignon grown in three regions

Zhang Yingli, Dong Xinping, Liu Yanlin

16 Study on the berry quality of the main wine grape varieties in Jingyang area

Zhang Zhenwen, Jia Yong

20 Effect of different trellises and fruit loads on berry quality of grapevine cv. Red Globe

Zhao Wendong, Man Liting, Sun Lingjun, Gao Shenghua,

Zhao Hailiang, Ma Li

23 Application of photoshop software in horticultural trial measurement

—A new method of measuring bloom bud size of grape

Qi Yongshun, Wang Tongkun, Zhang Jingzheng, Cheng Ruiyue, Zhang Huilong

26 Study on inflorescence differentiation for the second fruiting of grapevine cv. Red Globe

Shi Xuehui, Cai Guihua, Yang Guoshun, Wang Xianrong, Liu Kunyu, Zhong Xiaohong, Xiong Xingyao,

Ni Jianjun, Guo Guangyin

29 Effects of different liquid fertilizers on growth of nutrient-bagged plantlet of Muscat Hamburg

Gao Yang, Tian Shufen, Huang Jianquan, Shang Jiayin, Wang Dan

VITICULTURE

32 Application effect of "Daguobao" on Zuijinxiang

Yang Zhiyuan

35 Investigation report of freeze injury on wine grape base in Huangyangtan, Hongsibao in 2009

Li Yuding, Song Wenzhang, Song Changbing, Guan Xiaoyan, Cai Jianshe

38 Quality and safety protected cultivation mode of V. vinifera-V. labrusca in Zhejiang

Wu Jiang, Cheng Jianshe, Wei Lingzhu, Li Lin, Yuan Jinbo

41 Summary of solar-greenhouse cultivated techniques on Centennial Seedless

Zhao Changqing, Wang Shihong, Cui Lianzhu, Cai Zhibo

43 Primary report of rain shelter cultivation on Gold Finger in Daze mountain of Shandong

Wang HengZhen, Wang Yongmei, Qi Guimei, Wu Xinying, Zhang Jiuwei

46 Key techniques on protected cultivation of Rosario Bianco Wang Xinhua, Shen Jiansheng, Chen Yifan, Chen Bangjun

48 Survey and analysis on the disease resistance of QiuHongbao and its parents.

Zhao Qifeng, Ma Xiaohe, Dong Zhigang, Tang Xiaoping, Chen Jun

50 Observations of the weather condition on grapes matured ahead of time in protected cultivation in Xinjiang

Gao Yuan, Ma Huigang, Yang Lei, Zhu Xiaoli, Dai Ruiyu, Yang Chengshi

52 Experiment of reaction to winter pruning on Monukka Liu Weiyang

54 Primary report on radication and cold resistance of several cold-resistant grape resources

Qin Yang

ENOLOGY & PROCESSING

55 Practice and research of the modern technology on wine aging and blending

Chen Dawei, Du Zhenjiang, Luan Honglei, Wei Xiaoyan

60 GC-MS analysis on aroma components of Riesling white wine in Shacheng region

Sun Tengfei, Li Fudong, Yin Jianbang, Ma Zhenhua

SUMMARY

63 Production status and development proposals of vine seedlings in China

Zhao Shengjian, Dong Yafeng, Wang Zhongyue, Liu Chonghua

69 Evaluation and analysis on the international competitiveness of Chinese wine

Yan Zhiyong, Feng Jianying, Chen Xu, Mu Weisong

72 Research progress in the using of animalcule on wine deacidification

Sun Bingsheng, Xia Guangli, Zhang Qianbo, Sun Fengyan, Zhang Xiaoyan

TOTAL CONTENTS

77 2010 total contents

ADVERTISING