

中国学术期刊(光盘版)全文收录期刊

美国化学文摘社(CAS)收录期刊

北方园艺

NORTHERN HORTICULTURE

中文核心期刊

黑龙江省优秀期刊

中国北方优秀期刊

全国优秀农业期刊

黑龙江省农业科学院

黑龙江省园艺学会

主办

15

2012

总第270期

8月(上)

北方园艺

(1977 年创刊·半月刊)

BEI FANG YUAN YI

总第 270 期 2012 年第 15 期 8 月(上)

目 次

◆试验研究◆

- “寒富”苹果贮藏期果实解剖结构及品质变化研究 刘国成,马怀宇,吕德国,等(1)
- 几种香蕉废弃物清除 DPPH 自由基的作用 黄素梅,韦绍龙,韦 弟,等(5)
- 不同拉枝角度对‘嘎啦’苹果顶芽及叶片碳氮含量的影响 余拱鑫,韩明玉,张满让,等(9)
- 略阳地区雪莲果物候期观测 焦 劼,魏军香,郑罗崇都,等(13)
- 早实核桃对低温胁迫的生理响应及抗寒性评价 孙红梅,刘杜玲,杨吉安,等(17)
- 陕西关中地区鲜食葡萄引种观察 龚 倩,王 华(21)

◆研究简报◆

- 分散固相萃取-高效液相色谱法测定草莓中游离鞣花酸含量 杨 媛,石 磊,张 佳,等(25)
- 肥城桃果实中过氧化物酶的特性研究 王 娟(28)
- 胡萝卜的主要性状及 β -胡萝卜素含量分析 马 超,王天文,李锦康(31)
- 芹菜“3414”肥料试验 刘秀艳(33)
- 光周期和温度对黄瓜品种‘C09-123’性别分化的影响 程国辉,秦智伟,冯 卓,等(35)
- 甘蓝品种比较试验 郭国寿(38)
- 不同摘叶程度对苹果果实品质的影响 王雅倩,范崇辉,张 文,等(40)

大果沙棘简易绿枝扦插技术	吴振林(43)
有机胺浸种对黄瓜种子萌发及幼苗生长的影响	金桂芳,张平艳(46)
静电场处理对西瓜幼苗生理的影响	李响,王力,刘琳帅,等(49)

◆设施园艺◆

半地下式日光温室的土方工程量平衡分析	陈来生(51)
北方山区下凹式温室番茄越冬大茬栽培技术	杨三保,刘书林,张伟亮,等(53)
陕北日光温室芝麻蜜香瓜有机型无土早熟栽培技术	曹瑞台,薛道富(55)

◆栽培技术◆

☆果园☆

香椿生物学特性及育苗技术	吴玉洲,张新权,李社辉,等(57)
沙棘新品种“新垦沙棘2号”的选育及栽培技术	张献辉,陈奇凌,王东健,等(59)

◆园林花卉◆

☆植物☆

不同类型光源对切花菊‘深志’花芽分化抑制效果及开花品质的影响	苏君伟(61)
苏州地区路易斯安娜鸢尾实生苗生产的影响因素	周玉珍,成海钟,陆桂梅,等(64)
红掌佛焰苞中花色素与颜色形成的关系	杨澜,李崇晖,黄素荣,等(68)
三种粉尘条件下草地早熟禾的滞尘效益及光合作用影响	孙西岭,孙峰,周春玲,等(74)
响应面法优化飞机草总黄酮提取工艺	王桂荣,张燕娣,张连学(78)
海水胁迫对草地早熟禾种子萌发的影响	梅景,张辉,孙鑫,等(83)
盐胁迫对凤仙花种子萌发的影响	牛通(86)
易丰收与赤霉素对切花洋桔梗生长发育的研究	孙敏杰,吴媛媛(89)
毛茛硬枝扦插正交实验	薛利艳,康永祥,张丹,等(91)

☆景观☆

安康山水园林城市建设中的特色植物资源应用研究	袁海龙(95)
万方数据	

莲花池公园植物配置浅析	李 祥,田 璐,蔡 雄(99)
河池市兜兰属植物资源及其保护利用初探	覃文渊,覃文更,覃国乐,等(103)
潼关县某金矿周边植物调查研究	李庚飞(106)
成都市屋顶绿化植物评价及其应用	刘维东,陈其兵(109)
常绿树木在我国东北地区园林景观中的应用研究	滕祥金,陈启洁,吴姝菊,等(112)
扬州城市道路部分绿化树种滞尘效应研究	俞莉莉,梁惠颖,何小弟,等(114)
济南野生木本观赏植物资源研究	杨 波,尚 红,汪玉静(117)

◆生物技术◆

三种提取酿酒葡萄不同组织总 RNA 的方法比较	宋洋波,刘延琳,耿万刚(119)
新疆甜瓜“皇后”再生体系的建立	张铁刚,宁雪飞,王贤磊,等(122)
胡萝卜游离小孢子培养与植株再生技术研究	尹立荣,管长志,陈 磊,等(126)
树莓试管外生根技术	程贵兰,王兴东,王振龙,等(130)
氯化汞防治组培苗污染的研究	彭广霖,于咏梅,薛元霞,等(131)
吉林抚松人参遗传多样性的 SSR 分析	栾树昆,杨广顺,孙春玉,等(133)
矮牵牛组织培养及不同基质对生根的影响	祁宏英,徐洪国,张 志(137)
常夏石竹试管开花的研究	李双跃,曹 洋,黄俊轩,等(139)

◆植物保护◆

蔬菜中拟除虫菊酯类农药残留调查	徐 晶,杨 静,张海霞,等(142)
放线菌 Act1 对连作西瓜枯萎病的防治效果	李 欢,刘建辉,冯宁宁,等(144)
苯并噻二唑衍生物不同施用方法对番茄抗病性的诱导	宋兰芳,孙润明,王学利,等(148)
女贞白蜡蚧的药剂防治适期预测	王建梅,马有会(151)

◆土壤与肥料◆

不同施肥措施对罗马花椰菜产量、品质及氮平衡的影响	敦惠宁,吴建新,左 强,等(153)
万方数据	

包膜尿素对油菜产量和品质及氮素吸收的影响	张鹏飞,张爱国,肖强,等(158)
青藏高原溶磷菌菌株的分离筛选	王亚艺,李松龄,蔡晓剑,等(161)

◆贮藏保鲜加工◆

番茄乳饮料工艺研究	郑凤荣,温蓉(164)
南瓜酒加工工艺研究	安冬梅,孟长军,孙爱红(166)
南果梨果汁生产中的褐变类型	刘延吉,宋思源,田晓艳(169)

◆食用菌◆

银耳好食脉孢霉分子鉴定及敏感药剂初筛	潘丽歌,何培新,武晓瑞(171)
--------------------------	------------------

◆中草药◆

光质和 2,4-D 对 47 号怀山药叶片愈伤组织诱导形成的影响	郭君丽,王俊甫,蒋福稳,等(174)
黄河三角洲耐盐药用植物的资源评价分析	王玉珍(176)
不同海拔高度对半野生栽培猪苓产量的影响	尚文艳,赵丽萍,许志兴,等(181)

◆产业论坛◆

2011 年我国西甜瓜市场及产业发展趋势与对策分析	杨艳涛,张琳,吴敬学(183)
---------------------------------	-----------------

◆专题综述◆

香草植物研究进展	王曼君,项俊,王仁祥,等(188)
核果类芽变品种调查及存在的问题	吴振林(194)

◆农业经纬◆

希腊油橄榄产学研联动经验对我国油橄榄发展的启示	张正武,赵强宏,邓煜,等(199)
万方数据	

NORTHERN HORTICULTURE

(Started in 1977, Half Monthly)

Total NO. 270, NO. 15(2012), The First Half of August

Contents

◆ Experimentation and Research ◆

- Research on the Change of 'Hanfu' Apple Fruit Anatomic Structure and Quality During Storage LIU Guo-cheng, MA Huai-yu, LV De-guo, et al(1)
- DPPH Radical Scavenging Activities of Some Banana Waste HUANG Su-mei, WEI Shao-long, WEI Di, et al(5)
- The Effect of Branch Drawing on Carbon and Nitrogen Contents in Buds and Leaves of 'Gala' Apple
..... YU Gong-xin, HAN Ming-yu, ZHANG Man-rang, et al(9)
- Investigation on the Phenophase of *Smallanthus sanchi falius* in Lueyang Area JIAO Jie, WEI Jun-xiang, ZHENG Luo-chong-du, et al(13)
- Response on Physiology and Biochemistry and Cold Resistance Evaluation of Precocity Walnut Cultivar Under Low Temperature Stress
..... SUN Hong-mei, LIU Du-fang, YANG Ji-an, et al(17)
- Primary Reports on Introduction of Table-grape in Guanzhong Area of Shaanxi Province GONG Qian, WANG Hua(21)

◆ Research Notes ◆

- Determination of Ellagic Acid in Strawberry by Dispersive Solid Phase Extraction-High Performance Liquid Chromatography
..... YANG Yuan, SHI Lei, ZHANG Jia, et al(25)
- Nature of Peroxidase in Feicheng Peach Fruit WANG Juan(28)
- Analysis of Main Characters and β -carotene Content on Carrot Varieties MA Chao, WANG Tian-wen, LI Jin-kang(31)
- The Test on '3414' Fertilizer of Celery LIU Xiu-yan(33)
- The Impact of Photoperiod and Temperature on the Sex Differentiation of Cucumber Varieties 'C09-123'
..... CHENG Guo-hui, QIN Zhi-wei, FENG Zhuo, et al(35)
- Comparison Test of Cabbage Varieties GUO Guo-shou(38)
- Effects of Different Degree of Picking off Leaves on Fruit Quality of Apple WANG Ya-qian, FAN Chong-hui, ZHANG Wen, et al(40)
- Simple Green Branches Cutting Technique of *Hippophae rhamnoides* WU Zhen-lin(43)
- Effects of PTMAC on Cucumber Seed Germination and Seedling Growth JIN Gui-fang, ZHANG Ping-yan(46)
- Electrostatic Field Treatment on the Physical Effect of the Watermelon Seedlings LI Xiang, WANG Li, LIU Lin-shuai, et al(49)

◆ Facilities Horticulture ◆

- Earthwork Balance Analysis to the Semi-underground-style Solar Greenhouse CHEN Lai-sheng(51)

◆ Cultivation Technique ◆

- Breeding and Cultivation Technique of New Varieties of Seabuckthorn 'Xinkenshaji 2' ZHANG Xian-hui, CHEN Qi-ling, WANG Dong-jian, et al(59)

◆ Garden Design and Garden Plants ◆

- Effect of Different Types Light on Flower Bud Differentiation and Flowers Quality of *Chrysanthemum* 'Shenzhi' SU Jun-wei(61)
- Factors Affected the Production of the Louisiana *Iris* Seed Seedlings in Suzhou Area ZHOU Yu-zhen, CHENG Hai-zhong, LU Gui-mei, et al(64)
- The Relationship between Pigment and Coloration of *Anthurium* Spathe YANG Lan, LI Chong-hui, HUANG Su-rong, et al(68)
- Dust-detaining Capability and the Effect of Photosynthesis of *Poa pratensis* to Three Dusts SUN Xi-ling, SUN Feng, ZHOU Chun-ling, et al(74)
- Optimization of Extraction Technology for Total Flavonoids from *Eupatorium odoratum* L. by Response Surface Methodology
..... WANG Gui-rong, ZHANG Yan-di, ZHANG Lian-xue(78)
- Effect of Seawater Stress on the Seed Germination of *Poa pratensis* MEI Jing, ZHANG Hui, SUN Xin, et al(83)
- Effect of Salt Stress on Germination Characteristics of Seed of *Impatiens balsamina* NIU Tong(86)
- EFS and Gibberellin on Growth and Development of Cut Flower Eustoma SUN Min-jie, WU Yuan-yuan(89)
- Study on Hardwood Cutting Techniques of *Cornus wateri* XUE Li-yan, KANG Yong-xiang, ZHANG Dan, et al(91)
- Study on the Application of Characteristical Plants in Constructing the Landscape Garden City of Ankang YUAN Hai-long(95)
- Primary Analysis on the Plants Configuration of Lotus Pool Garden LI Xiang, TIAN Lu, CAI Xiong(99)

A Preliminary Study on Strategies of Protection and Utilization of <i>Paphiopedilum</i> Genus in Hechi	QIN Wen-yuan, QIN Wen-geng, QIN Guo-le, et al(103)
Research on the Plant Diversity Around the Gold Mine Drainage at Tongguan County	LI Geng-fei(106)
Study on Application and Evaluation of Green Roof Plants in Chengdu City	LIU Wei-dong, CHEN Qi-bing(109)
Application of Evergreen Trees of Landscape Architecture in Northeast China	TENG Xiang-jin, CHEN Qi-jie, WU Shu-ju, et al(112)
Study on Blockingdust Effect of Roadside Tree in Yangzhou City	YU Li-li, LIANG Hui-ying, HE Xiao-di, et al(114)
Study on the Wild Woody Ornamental Plant Resources of Jinan	YANG Bo, SHANG Hong, WANG Yu-jing(117)

◆ Biotechnology ◆

Comparison of Three Optimized Method for Isolating Total RNA from Grapevine Tissues	SONG Yang-bo, LIU Yan-lin, GENG Wan-gang(119)
Establishment of Regeneration System for <i>Cucumis melo</i> L. cv. 'Queen' of Xinjiang Melon	ZHANG Tie-gang, NING Xue-fei, WANG Xian-lei, et al(122)
Study on Isolated Microspore Culture and Plant Regeneration of Carrot	YIN Li-rong, GUAN Chang-zhi, CHEN Lei, et al(126)
Research on the Prevention of Tissue Culture Seedling Pollution by Mercuric Chloride	PENG Guang-lin, YU Yong-mei, XUE Yuan-xia, et al(131)
SSR Analysis on Genetic Diversity of Jilin Fusong <i>Panax ginseng</i>	LUAN Shu-kun, YANG Guang-shun, SUN Chun-yu, et al(133)
Effect of Tissue Culture and Rooting of Different Media of <i>Petunia hybrida</i>	QI Hong-ying, XU Hong-guo, ZHANG Zhi(137)
Study on Flowering <i>in Vitro</i> of <i>Dianthus plumarius</i>	LI Shuang-yue, CAO Yang, HUANG Jun-xuan, et al(139)

◆ Plant Protection ◆

Investigation on Situation of Pyrethroids Pesticides Residues of Vegetables	XU Jing, YANG Jing, ZHANG Hai-xia, et al(142)
Effect of Actinomycete Act1 on Fusarium Wilt of Replanted Watermelon	LI Huan, LIU Jian-hui, FENG Ning-ning, et al(144)
Disease Resistance Induced by Different Methods of Application of Benzothiadiazole Derivatives in Tomato	SONG Lan-fang, SUN Run-ming, WANG Xue-li, et al(148)
Appropriate Period for Chemical Control of <i>Ericerus pela</i>	WANG Jian-mei, MA You-hui(151)

◆ Soil and Fertilizer ◆

Effect of Different Fertilizer Application Countermeasures on Yield, Quality of Romanesco Broccoli and Nitrogen Balance	DUN Hui-ning, WU Jian-xin, ZUO Qiang, et al(153)
Effect of Coated Urea on Rape's Yield, Quality and Nitrogen's Absorption	ZHANG Peng-fei, ZHANG Ai-guo, XIAO Qiang, et al(158)
Isolation and Screening of Phosphorus Solubilizing Bacterial Strains in Tibetan Plateau	WANG Ya-yi, LI Song-ling, CAI Xiao-jian, et al(161)

◆ Storage and Processing ◆

Research on Processing of Tomato-Milk Beverage	ZHENG Feng-rong, WEN Rong(164)
Study on the Processing Technology of Pumpkin Fermented Wine	AN Dong-mei, MENG Chang-jun, SUN Ai-hong(166)
Study on Browning Types of 'Nanguo' Pear Juice During Process	LIU Yan-ji, SONG Si-yuan, TIAN Xiao-yan(169)

◆ Edible Fungi ◆

Molecular Identification and Primary Screening of Sensitive Fungicides for <i>Neurospora sitophila</i>	PAN Li-ge, HE Pei-xin, WU Xiao-rui(171)
--	---

◆ Chinese Traditional Medicine ◆

Effects of Light Quality and 2,4-D Combination on Callus Induction in Leaves of 47 <i>Dioscorea opposita</i> Thunb.	GUO Jun-li, WANG Jun-fu, JIANG Fu-wen, et al(174)
Evaluation Analysis of Salt Resistance Medicinal Plant Resources	WANG Yu-zhen(176)
Study on the Yield Effect of Growing Semi-wild <i>Polyporus umbellatus</i> at Different Altitudes	SHANG Wen-yan, ZHAO Li-ping, XU Zhi-xing, et al(181)

◆ Industry Forum ◆

Analysis of China Watermelon and Muskmelon's Market and Industry Development Trend and Countermeasure in 2011	YANG Yan-tao, ZHANG Lin, WU Jing-xue(183)
---	---

◆ Summarize ◆

Advances in Studies of Aromatic Herbs	WANG Man-jun, XIANG Jun, WANG Ren-xiang, et al(188)
Investigation and Existing Problems of Drupe Bud Mutation Cultivar	WU Zhen-lin(194)

◆ Agricultural Relavant Issues ◆

Inspiration of Coordinated Experience in Olive Production and Research in Greece to the Olive Industry of China	ZHANG Zheng-wu, ZHAO Qiang-hong, DENG Yu, et al(199)
---	--