第1期

水稻光温敏核不育基因与同工酶基因的遗传关系及连锁测定 胡学应 万邦惠 (1)
普通野生稻和栽培稻叶片叶绿体性状超微结构比较研究 陈志强 黄超武 章潜才 (10)
"两系"杂交稻 Nota/特青杂种优势研究····································
Ngax×特青(亚种间杂交稻)抽穗后物质生产及分配特点研究初报 孝之林 吴炎龙 谢利昌等 (22)
杂交稻种子贮藏技术及寿命预测研究 身世模 (28)
山梨醇对籼稻愈伤组织培养的效应 何琼英 王泂华 (36)
小麦对赤霉病抗性鉴定指标的探讨 张 林 潘雪萍 陈焕玉等 (43)
加速重离子辐射对玉米的诱变效应 丘运兰 梅曼彤 何远康等 (48)
玉米不同播种期对生长发育和产量性状的影响 梁秀兰 张振宏 (55)
几种作物叶片水势的初步研究 邓向前 (62)
不同施氨水平对花生结瘤与供氨和产量的影响 黄偽壮 (68)
乙烯释放剂克服香石竹试管苗玻璃化的研究 张昆琦 潘建国 侯任昭 (73)
姜花的香气成分的分析 戴素贤 谢利军 杨戴厚 (79)
格拉姆柱花草在南亚热带典型土壤上对施肥的反应 朱芳华 骆世明 (84)
第 2 期
有机、无机态氮肥及施用方法对水稻吸收土壤氮素的影响 黄志武 (1)
控制指数在水稻抗褐稻虱研究中的应用 王维专 曹 玲 梁广文等 (9)
连平县林业生产中树种龄级最佳控制研究 徐秀珍 陈俊廉 曾永强 (15)
稻田节肢动物群落相似性的研究 尤民生 陶方玲 庞雄飞 (23)
桑蚕蛹期卵巢移植及其生物学效应的研究 种仰进 吴维光 (29)
用加热四环素治疗柑桔黄龙病芽条的试验初报 罗志达 (38)
提高家兔高温季节繁殖力的综合措施研究
辐射诱发柑桔无籽突变机理的研究
水稻中抗品种抗褐稻虱机制的研究 李冠雄 吴荣宗 陈升枢 (56)
腐皮镰孢霉的现代分类学 曹福详 咸佩坤 (66)
为害柑桔春芽的达瘿蚊属二新种(双翅目:瘿蚊科) 杨臬昆 汤忠琦 (73)
田舍三节叶蜂的生物学及防治 黄增和 伍建芬 张宗强 (80)
广东、海南锥属植物的整理 陈锡沐 于保平 (87)
菜粉蝶颗粒体病毒与化学杀虫剂混用防治菜膏虫及其增效机制研究 黄 鸿 载冠群 (96)
甘薯产量形成动态及蛋白质的分配与积累
优质出口番茄新品种"红玫瑰"
第 3 期
花生体内几种酶的活性与抗锈病性的关系
鸡大肠杆菌病 林维庆(7)

用系统方法对若干植物生理学难题的初步处理	肖苑	ŧ ≁ (19)
枳砧甜橙黄化问题的研究	吴世盘 李学柱 吴泰太	.等 (28)
榆科几个主要分类系统浅析	吴.:	秋 (33)
大戟科一新属和萝藦科植物新命名		と海 (38)
桔芽达瘿蚊生活习性观察		5時 (43)
一种测定遗传差异的新方法		と明 (49)
香港猪肉市场的经济研究	陈遗云 黄启	(达 (55)
鱼类低温适应机制的研究		
(1) 驯化温度对草鱼和鲮鱼几种同工酶活性及酶谱的影响 …	⋯⋯⋯ 曹承长 王祖	L族 (69)
研究简报		
番木瓜环斑病毒检测新技术的建立及其在病毒一原生质体体系		
石牌名茶的研制初报		(78)
第4期		
נאי הג		
杀虫剂田间毒理研究的新进展 ·····	赵善欢 陈文奎 张	兴等 (1)
C ₁ 、C ₄ 和 CAM 植物的光呼吸及有关酶活性的比较研究		
	······································	明启 (5)
普通野生稻胚性细胞悬浮系的建立及原生质体再生植株		
	张伟 简王	上瑜(13)
荔蝽中乙酰胆碱酯酶活性与自然抗药性的关系		
香蕉保鲜贮藏生理研究	手安妮 朱慧英 季》	引启 (25)
栽培番茄与野生秘鲁番茄杂交胚胎发育的细胞学研究	n lk.k. n s	- (M. 100)
模糊聚类分析在旱作农业分区上的应用		
甘蔗高产栽培模式研究		
解冻温度与冻肉酸度对牛肉质量的影响 ····································	一	1年(52)
文字所同画及作小刀/A.昭野这风·化中化厅天里的办书	高飞飞 黄疸	手白 (58)
芥兰营养生理的研究		
1. 养分吸收特性	关佩聪 李智军 胡芹	1珍(62)
芥兰营养生理的研究 	At No. 100 U.S.	
I. 氨 钾营养对芥兰生长和菜薹产量与品质的影响 明视显微术中若干值得重视的问题	······ 子賀年 天仙	人紀 (69) 人士 (74)
灰色数列预测方法的应用	+ n	1A (14)
——以香港猪肉市场为例	程汉文 陈边	云 (81)
研究。简报		
Tot the the wife out of the whole the wife of the wife		
阿蒂莫耶番荔枝砧木研究初报 ····································		
T H3 かいユニノハ コープス PM F3 U3 E3 25、25(2)を PM (2)(2) U5 U5 U5 U5 U1 U1 U1	n 2	かまり しきしき

JOURNAL OF SOUTH CHINA AGRICULTURAL UNIVERSITY Vol 12 CONTENTS

No. 1

Study on the Genetic Relationships Between Photoperiod - Temperature Sensitive Genic Malesterility Genes and
Isozyme Genes and its Linkage Measurement in Rice (Oryza sativa) Hu Xueying Wan Banghui (1)
Ultrastructural Investigations on Chloroplasts of the Flag Leaf of Oryza sativa L. F. spontanea and O. sativa L
Study on the Heterosis of the Two-Line Hybrid Rice Note, Teqing Wu Changwei Zhang Jianguo (16)
A Preliminary Study on the Production and Distribution of Dry Matter after Heading of N ₉₈₄ ×Teqíng (A Two-Line
Intersubspecific Hybrid Rice) Li Zhilin Wu Yanlong Xie Lichang et al (22)
Study on Seed Storage Technique and Longevity in Hybrid Rice Liao Shimo (28)
Effects of Sorbitol on Indica Rice Callus Culture
Researc on Criteria of Resistance to Wheat Scab (Gibberella Zeae)
Mutagenic Effects of Accelerated Heavy Ion Irradiation on Zea mays
Qiu Yunlan Mei Mantong He Yuankang et al (48)
Effect of Different Sowing Dates on Growth, Development and Yield Components in Corn
Liang Xiulan Zhang Zhenhong (55)
A Preliminary Study on the Leaf Water Potential Changes in Some Crops Deng Xiangqian (62)
Effects of Different Nitrogen Level on the Nodulation Nitrogen Supply and Yield of Peanuts
Huang Xunzhuang (68)
Studies on the Prevention of Vitrification of in Vitro Culture of Carnation by Using Ethylene Releasers
Zhang Kunyu Pan Jianguo Hou Renzhao (73)
The Analysis of Aromatic Components from Fresh FLowers of Hedychium Coronarium Koenig
Dai Suxian Xie Chijun Yang Daihou (79)
Research on Fertilizer Response of Graham Stylo Grown on Different Soils Zhu Fanghua Luo Shiming (84)
No. 2
Effect of Organic, Inorganic Fertilizers and Placement on the Soil-N Uptake by Rice Huang Zhiwu (1)
The Application of Index of Population Control (IPC) to Studies on the Resistance of Rice Varieties to the Brown
Planthopper, Nilaparvata lugen (Stål)
Optimal Control of Age Class in Forestry Production at Lianping County
Studies on the Similarity of Athropod Communities in Paddy Fields
Studies on the Transplantation of the Silkworm Ovary at the Pupal Stage and its Biological Effect
Preliminary Report on the Efficacy of Heated Tetracycline Hydrochloride Solution in Treating Citrus Yellow Shoot
Disease Luo Zhida (38)
Studies on Integrative Measures for Raising the Reproductive Ability of the Domestic Rabbit During Hot Seasons
Research on Mutation Mechanism for Seedless Fruit of Irradiated Sweet Orange

JOURNAL OF SOUTH CHINA AGRICULTURAL UNIVERSITY Vol 12 CONTENTS

Conding on the Buildens Machanisms of Bire Variation Having Madagets Besidence to the Brown Blackborn
Studies on the Resistant Mechanisms of Rice Varieties Having Moderate Resistance to the Brown Planthopper.
Nilaparvota lugens (Stål) Li Guanxiong Wu Jung Tsung Chen Shengshu (56)
An Updated Taxonomy of Fusarium solani (Mart.) Sacc Chao Fuxiang Chi Peikun (66)
Two New Species of the Genus Dasineura Injurious to Citrus Flush (Diptera: Cecidomyiidae)
Biology and Control of the Sawfly, Arge pagana Panzer Huang Zenghe Wu Jianfen Zhang Zongqiang (80)
A Review of the Genus Castanopsis in Guangdong and Hainan
Studies on the Synergism of Pieris rapoe Granulosis virus and Insecticides Huang Hong Dai Guanqun (96)
The Development of Yield and the Distribution and Accumulation of Protein in Sweet Potatoes
An Export Grade New Tomato Variety "Red Rose" Wu Dinghua Liang Shunan Luo Jiwen (111)
No. 3
Relationships between Activity of Several Enzymes and Peanut Resistance to Rust
Li Dun Wang Zhenzhong Lin Kung — hsun (1)
Colibacillosis in Chicken Lin Weiqing (7)
Research on Decomposition Dynamics of Organic Matter in Rice Fields Luo Shiming Chen Chunhuan (14)
A Preliminary Treatment of Certain Confused Issues of Plant Physiology with the System Approach
Studies on the Yellowing of Sweet Orange on Trifoliate Rootstock
Analysis of Several Systems of Ulmaceae
A New Genus of Euphorbiaceae and Some New Nomenclatural Combinations of the Asclepiadaceous Plants
Li Pingtao (38)
Observations on the Citrus Bud Midge Dasineura citrigemmina (Dip. Cecidomyiidae) Tang Zhongqi (43)
A New Method of Measuring Genetic Differences Li Qiwei Wang Jianming (49)
Economic Analysis of the Pork Market in Hong Kong Chen Dieyun Huang Chengda (55)
Study on the Mechanism of Low Temperature Adaptation in Fish. 1. Efffects of Acclimation Temperature on Isozyme
Activities and Isozyme Patterns in Tissues of the Grass Carp and Mud Carp
Cao Yongchang Wang Zuxiong (69)
Establishment of New Techniques for the Detection of Papaya Ringspot Virus and Their Preliminary Application to the
Exploration of the Virus - Protoplast System Chen Zhinan Zheng Guanbiao Lin Kung - hsun et al (75)
Preliminary Report on the Development of the Famous Shipal Tea
No. 4
Recent Advance in Studies on Field Toxicology of Insecticides
Comparative Studies on Photorespiration and the Activities of Photorespiration Enzymes in C1, C4 and CAM Plants
Peng Feiyan Chen Shengshu Li Mingqi (5)
Establishment of Embryogenic Cell Suspension Cultures and Plant Regeneration from Protoplasts of Wild Rice (Oryza
Rufipogon)

JOURNAL OF SOUTH CHINA AGRICULTURAL UNIVERSITY Vol. 12 CONTENTS

Relationship Between the Activity of Acetylcholinesterase and the Tolerance to Insecticide in the Lychee Stink Bug,
Tessaratona Papillosa
Physiological Studies on Banana Treated with Preservative and Stored in Polyethylene Bags
Li Anni Zhu Huiying Li Mingqi (25)
Cytological Studies on the Embryogenesis of Lycopersicon esculentum after Crossing with L. peruvianum
The Application of Fuzzy Cluster Analysis to Dryland Farming Partition Wu Lemin Wen Yanwang (37)
Research on High Yielding Model of Sugarcane Chen Chunhuan Zhang Xingxiang Huang Keli et al (45)
Effect of Thawing Temperature and Acidity of Frozen Meat on the Quality Beef
Li Yuanzhi Lai Honghua (52)
The Influence of Air Temperature and Soil Moisture During Winter on Floral Founation and Types of Inflorescence
in Sweet Orange Gao Feifei Huang Huibai (58)
Studies on the Nutrient Physiology of the Chinese Kale (Brassica albogabra Bailey)
I. Characteristics of Nutrient Absorption Guan Peicong Li Zhijun Hu Xiaozhen (62)
Studies on the Nutrient Physiology of the Chinese Kale (Brassica alboglobra Bailey)
I. Effects of N and K Fertilizer on the Plant Growth, Yield and Quality of Flower Stalk in the Chinese Kale
Li Zhijun Guan Pejcong (69)
Some Important Considerations in Bright — field Photomicrosopy
Application of the Grey Sequence Forecast Method
— The Hong Kong Pork Market Case Cheng Hanwen Chen Dieyun (81)
Prinary Study on the Rootstocks of Atemoya (Annova atemoya Hort.)
Peng Songxing Wong Cheong -yin (89)
Rare and Endangered Plants on the Campus of South China Agricultural University