



中国油料作物学报

CHINESE JOURNAL OF OIL CROP SCIENCES

2012

Vol.34 No.6

中国农业科学院油料作物研究所 主办
Sponsored by Oil Crops Research Institute, CAAS
 科 学 出 版 社 出 版

6

目 次

遗传育种

- 甘蓝型油菜中 KCS6 基因的克隆和功能分析 武玉花, 曹应龙, 罗军玲, 等(567)
应用群体改良法选育高产优质抗病油菜新品种 陆光远, 张学昆, 李桂英, 等(575)
抗草甘膦基因 *mEPSPS* 转化油菜研究 柳寒, 周永明(582)
大豆铁蛋白(Ferritin)基因家族的克隆与表达 陈华涛, 陈新, 顾和平, 等(586)
花生(*Arachis hypogaea* L.)游离小孢子培养获得愈伤组织研究 张景景, 穆国俊, 侯名语, 等(592)
大豆百粒重 QTL 的上位效应和基因型×环境互作效应 孙亚男, 仕相林, 蒋洪蔚, 等(598)
国家油菜区试品种的主要营养品质及评价 杨湄, 郑畅, 黄凤洪, 等(604)

栽培生理

- 甘蓝型油菜幼苗对短期氧化胁迫的光合响应 晁赢, 李俊, 张春雷, 等(613)
播期对北方白菜型冬油菜生长发育及产量的影响 姜海杨, 孙万仓, 曾秀存, 等(620)
不同生育时期干旱胁迫对花生生长发育和复水后补偿效应的影响 赵长星, 程曦, 王月福, 等(627)

土肥植保

- 油菜氮肥的轻简施用技术 余常兵, 谢立华, 胡小加, 等(633)
直播冬油菜钙、镁、硫养分吸收规律 刘晓伟, 鲁剑巍, 李小坤, 等(638)
向日葵黄萎病病原鉴定 裴旭, 杨柳青, 徐鑫, 等(645)

测试与加工

- 杜马斯燃烧法测定油料粗蛋白含量 田培, 马飞, 姜俊, 等(650)
微生物油脂的分提及其组成与理化指标评价 胡珺, 魏芳, 董绪燕, 等(655)

研究简报

- 食品过敏原大豆 P34 蛋白基因的实时荧光 PCR 检测 张舒亚, 于翠, 宋青, 等(661)
NaCl 胁迫对续随子离子吸收及荧光特性的影响 刘冲, 王茂文, 丁海荣, 等(666)

综述与专论

- 大豆品种生态适应性鉴定方法和量化指标 李金玉, 孙石, 韩天富(671)
花生增产增效新技术及实现机械化收获的建议 王才斌(678)

信息

- 《中国油料作物学报》投稿指南及 2012 年总目录 (681)

[期刊基本参数] CN - 42 - 1429/S * 1979 * b * A₄ * 114 * zh * p * ¥ 25.00 * 1000 * 19 * 2012 - 06

CONTENTS

- Cloning and functional characterization of *KCS6* genes from *Brassica napus* WU Yu-hua, CAO Ying-long, LUO Jun-ling, et al. (567)
- Breeding of high yield, double low and disease resistant rapeseed cultivars by population improvement LU Guang-yuan, ZHANG Xue-kun, LI Gui-ying, et al. (575)
- Genetic transformation of rapeseed with the glyphosate-resistant gene *mEPSPS* LIU Han, ZHOU Yong-ming (582)
- Cloning and expression analysis of soybean ferritin gene family CHEN Hua-tao, CHEN Xin, GU He-ping, et al. (586)
- Callus production from isolated microspore culture of peanut (*Arachis hypogaea* L.) ZHANG Jing-jing, MU Guo-jun, HOU Ming-yu, et al. (592)
- Epistatic effects and qE interaction effects of QTLs for 100-seed weight in soybean SUN Ya-nan, SHI Xiang-lin, JIANG Hong-wei, et al. (598)
- Nutritional quality and evaluation of candidate cultivars in regional trials of oilseed rape in China YANG Mei, ZHENG Chang, HUANG Feng-hong, et al. (604)
- Photosynthetic response of short-term oxidative stress in rapeseed seedling CHAO Ying, LI Jun, ZHANG Chun-lei, et al. (613)
- Effect of sowing date on *Brassica rapa* growth and yield in northern China JIANG Hai-yang, SUN Wan-cang, ZENG Xiu-cun, et al. (620)
- Effects of drought stress on peanut growth during different growth stages and compensatory effect after water recovery ZHAO Chang-xing, CHENG Xi, WANG Yue-fu, et al. (627)
- Simplified application technique of nitrogen fertilizer on rapeseed YU Chang-bing, XIE Li-hua, HU Xiao-jia, et al. (633)
- Absorption characteristics of calcium, magnesium and sulfur by winter rapeseed (*Brassica napus*) under direct-seeding cropping system LIU Xiao-wei, LU Jian-wei, LI Xiao-kun, et al. (638)
- Identification of causal agent for sunflower Verticillium wilt PEI Xu, YANG Liu-qing, XU Xin, et al. (645)
- Dumas combustion method for determination of crude protein content in oilseeds and products TIAN Pei, MA Fei, JIANG Jun, et al. (650)
- Fractionation and evaluation of compositions and physiochemical indexes for microbial oil HU Jun, WEI Fang, DONG Xu-yan, et al. (655)
- Detection allergen soybean in food using real-time PCR ZHANG Shu-ya, YU Cui, SONG Qing, et al. (661)
- Effects of NaCl stress on ion distribution and chlorophyll fluorescence in *Euphorbia lathyris* L. LIU Chong, WANG Mao-wen, DING Hai-rong, et al. (666)
- Methods and quantitative parameters for evaluating the adaptability of soybean varieties to environmental factors LI Jin-yu, SUN Shi, HAN Tian-fu (671)
- New technologies for increasing yield and suggestions to simplify the process of mechanized-harvest in peanut WANG Cai-bin (678)