



中国油料作物学报

CHINESE JOURNAL OF OIL CROP SCIENCES

2013

Vol.35 No.5

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

ISSN1007-9084
CN42-1429/S

5

目次

遗传育种

甘蓝型油菜角果相关性状对抗裂角性遗传贡献率分析 崔嘉成,梅德圣,李云昌,等(461)

甘蓝型油菜角果的抗裂角特性及其相关分析 浦惠明,龙卫华,高建芹,等(469)

青海大黄油油菜粒色性状 AFLP 标记的筛选和 SCAR 标记转化 赵会彦,肖 麓,杜德志(476)

黑芥 *ANS* 基因的克隆和在芸薹属 *B* 基因组的 PCR 鉴别 严明理,刘丽莉,向建华,等(484)

大豆 *SCoT* 分子标记技术体系的优化、验证及检测 李 强,苏二虎,高聚林,等(491)

花生种间杂种异源多倍化早期世代性状和 SSR 变化研究 贺梁琼,熊发前,韩柱强,等(499)

花生主茎高、侧枝长的遗传分析及 QTL 检测 刘 华,张新友,韩锁义,等(508)

油用向日葵主要经济性状遗传及其相关分析 葛玉彬,陈炳东,卯旭辉,等(515)

向日葵胚细胞胚的 QTL 分析及标记辅助选择 黄先群,Fabre F,Saraffi A,等(524)

基于 ADM 模型的油用向日葵籽实含油率动态发育遗传研究 包海柱,高聚林,马 庆,等(533)

品种资源

山西与我国芝麻主产区种质资源遗传多样性比较分析 刘文萍,任果香,文 飞(539)

11 个红花品种遗传多样性与亲缘关系的 SRAP 分析 江 磊,李 刚,岳 帅,等(546)

栽培生理

甘蓝型油菜幼苗对光氧化胁迫的生理响应 李 俊,晁 赢,官春云,等(551)

油菜干旱相关基因的表达及其与耐旱生理指标的相关性 徐明月,肖庆生,张学昆,等(557)

PEG 胁迫下大豆 *BIL* 群体芽期性状与耐旱性评价 杨万明,王 敏,李贵全,等(564)

大豆品种耐盐性的快速鉴定法及不同时期耐盐性的研究 张 鹏,徐 晨,徐克章,等(572)

用于大豆根冠关系研究的嫁接方法 曹晓宁,孙 石,吴存祥,等(579)

矮化大豆的解剖学研究 闻 静,徐永清,赵 刚,等(584)

土肥植保

转化 *Ospgip1* 改良甘蓝型油菜的菌核病抗性 陈 叶,万丽丽,王转茸,等(591)

特种油料生物

温度和碳源对隐甲藻生长及 DHA 积累的影响 郭小婧,龚阳敏,梁 焯,等(597)

研究简报

拉曼光谱快速鉴别花生油掺棕榈油的研究 王利军,王 红,谢 乐,等(604)

综述与专论

甘蓝型油菜抗菌核病研究进展 吴 健,涂江颖,周永明(608)

消息

《中国油料作物学报》近期动态 封二

《十字花科植物遗传与基因组学》由科学出版社出版 封三

《中国油料作物学报》稿约 (616)

CONTENTS

Genetic contribution of silique related traits to silique shatter resistance of *Brassica napus* L. CUI Jia - cheng, MEI De - sheng, LI Yun - chang, *et al.* (461)

Silique shatter resistance and correlation analysis in *Brassica napus* PU Hui - ming, LONG Wei - hua, GAO Jian - qin, *et al.* (469)

AFLP and SCAR markers for seed colour in rape Dahuang (*Brassica rapa* L.) ZHAO Hui - yan, XIAO Lu, DU De - zhi (476)

Cloning of *ANS* gene in *Brassica nigra* and PCR identification from *Brassica* B - genomes YAN Ming - li, LIU Li - li, XIANG Jian - hua, *et al.* (484)

Optimization, verification and detection of SCoT molecular marker system in soybean LI Qiang, SU Er - hu, GAO Ju - lin, *et al.* (491)

Traits and microsatellites variation of early generations during allopolyploidization in *Arachis* interspecific hybridiza-
tion HE Liang - qiong, XIONG Fa - qian, HAN Zhu - qiang, *et al.* (499)

Inheritance analysis and QTL mapping of main stem height and lateral branch length in peanut (*Arachis hypogaea*
L.) LIU Hua, ZHANG Xin - you, HAN Suo - yi, *et al.* (508)

Genetics and correlation analysis of economic traits in oil sunflower (*Helianthus annuus* L.) GE Yu - bin, CHEN Bing - dong, MAO Xu - hui, *et al.* (515)

Analysis of somatic embryogenesis QTL and marker - assisted selection in sunflower (*Helianthus annuus* L.) HUANG Xian - qun, Francoise Fabre, Ahmad Sarraffi, *et al.* (524)

Developmental genetic study of seed oil content in sunflower based on ADM genetic model BAO Hai - zhu, GAO Ju - lin, MA Qing, *et al.* (533)

Genetic diversity of sesame (*Sesamum indicum* L.) germplasm from Shanxi and the major planting areas in China LIU Wen - ping, REN Guo - xiang, WEN Fei (539)

Analysis of genetic diversity and relationship of 11 *Carthamus tinctorius* L. varieties by SRAP JIANG Lei, LI Gang, YUE Shuai, *et al.* (546)

Response of physiological changes in rapeseed seedling under oxidative stress LI Jun, CHAO Ying, GUAN Chun - yun, *et al.* (551)

Correlation between drought - related genes expression and physiological indicators in rapeseed XU Ming - yue, XIAO Qing - sheng, ZHANG Xue - kun, *et al.* (557)

Germination traits of soybean BIL population under PEG stress and assessment of their drought tolerance YANG Wan - ming, WANG Min, LI Gui - quan, *et al.* (564)

Fast identification method of salt - tolerance and research on salt - tolerance at different stages of soybean cultivars ZHANG Peng, XU Chen, XU KE - zhang, *et al.* (572)

Grafting techniques for root - shoot relationship study in soybean CAO Xiao - ning, SUN Shi, WU Cun - xiang, *et al.* (579)

Analysis of anatomical structures of dwarfing soybean ... WEN Jing, XU Yong - qiang, ZHAO Gang, *et al.* (584)

Genetic transformation with *Ospgip1* improves *Sclerotinia sclerotiorum* resistance of *Brassica napus* CHEN Ye, WAN Li - li, WANG Zhuan - rong, *et al.* (591)

Effects of temperature and carbon source on growth and docosaheaxaenoic acid accumulation of *Cryptocodinium coh-
nui* GUO Xiao - jing, GONG Yang - min, LIANG Zhuo, *et al.* (597)

Rapid authentication of palm oil in pure peanut oil by Raman spectroscopy WANG Li - jun, WANG Hong, XIE Le, *et al.* (604)

Advances in studies on the resistance to *Sclerotinia* stem rot in *Brassica napus* WU Jian, TU Jiang - ying, ZHOU Yong - ming (608)