



中国油料作物学报

CHINESE JOURNAL OF OIL CROP SCIENCES

2013

Vol.35 No.4

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

4

CONTENTS

- Cloning and functional characterization of *BnKCS10* gene from *Brassica napus* ZHAO Na, XING Su-na, CAO Ying-long, et al. (349)
- Cloning and bacteriostatic activity detection of a new antibacterial peptide *BnPCD842895* HUANG Jin, HUANG Jun-yan, KE Tao, et al. (357)
- Comparison and analysis of homonymous *Brassica napus* L. varieties LAI Yun-ping, ZHANG Zhe-feng, WANG Li-rong, et al. (364)
- Cloning and bioinformatics analysis of omega-6 fatty acid desaturase genes in safflower (*Carthamus tinctorius* L.) GUAN Ling-liang, HOU Kai, LIU Qian, et al. (372)
- Soybean catalase homolog genes fusion expression in *Escherichia coli* CHEN Jin-feng, HU Bin-jie, WANG Gong-nan (384)
- Establishment of an efficient plant regeneration system from leaflet of peanut ZHANG Yue-ting, HUANG Jia-quan, YAN Li-ying, et al. (389)
- Effect of chemical hybridizing agents on winter *Brassica rapa* cv Longyou 6 ZHAO Cai-xia, LIU Zi-gang, SUN Wan-cang, et al. (394)
- Podding characteristics of high yielding peanut varieties introduced into Liaoning Province WANG Xiao-guang, ZHAO Xin-hua, JIANG Chun-ji, et al. (400)
- Light response curve of edible sunflower photosynthesis in Hetao irrigation district YUN Wen-li, HOU Qiong, WANG Hai-mei, et al. (405)
- Purification and identification of lipoxygenase of peanut seed ZHANG Chen, LI Ze-fu, TENG Bin, et al. (411)
- Distribution of blackleg disease on oilseed rape in China and its pathogen identification LI Qiang-sheng, RONG Song-bai, HU Bao-cheng, et al. (415)
- Controlling effects of three fungicides on rapeseed clubroot CHEN Kun-rong, REN Li, LIU Fan, et al. (424)
- Determination of six stilbenes in peanut seeds after invaded by *Aspergillus flavus* WANG Qin-fei, YING Dong-shan, HONG Cai-xiang, et al. (428)
- Detection of residual solvent of soybean meal by headspace gas chromatography DONG Xiao-li, SUN Juan, ZHANG Yan, et al. (436)
- Ecological shuttle breeding effects on high oil content of *Brassica napus* cultivars GUAN Zhou-bo, TIAN Jian-hua, DONG Yu-hong, et al. (441)
- Optimum combination of hormone concentration during callus subculture of soybean WANG Li-yan, JING Rui-yong, GUO Yong-xia, et al. (446)
- Quality and production potential of different chufa varieties in arid climate region of Xinjiang YANG Min, TIAN Li-ping, XUE Lin (451)
- Research advances in flax haploid YE Chun-lei, WANG Wei, ZHANG Jian-ping, et al. (455)

目 次

遗传育种

- 甘蓝型油菜 *BnKCS10* 基因的克隆和功能分析 赵 娜, 邢素娜, 曹应龙, 等(349)
抗菌肽基因 *BnPCD842895* 克隆表达及活性检测 黄 金, 黄军艳, 柯 涛, 等(357)
同名甘蓝型油菜品种比较分析 赖运平, 张浙峰, 王丽容, 等(364)
红花 $\omega 6$ 脂肪酸脱氢酶基因克隆及生物信息学分析 官玲亮, 侯 凯, 刘 千, 等(372)
大豆过氧化氢酶同源基因在大肠杆菌中融合表达 陈金峰, 胡斌杰, 王宫南(384)
花生胚小叶高效再生体系的建立 张月婷, 黄家权, 晏立英, 等(389)
化学杀雄剂对白菜型冬油菜陇油 6 号的杀雄效果 赵彩霞, 刘自刚, 孙万仓, 等(394)

栽培生理

- 辽宁省引进的花生高产品种结荚特性研究 王晓光, 赵新华, 蒋春姬, 等(400)
河套灌区食用向日葵光合作用的光响应曲线分析 云文丽, 侯 琼, 王海梅, 等(405)
花生种子脂肪氧化酶的分离纯化和鉴定 张 琛, 李泽福, 滕 斌, 等(411)

土肥植保

- 中国油菜黑胫病害分布及病原菌鉴定 李强生, 荣松柏, 胡宝成, 等(415)
三种杀菌剂防治油菜根肿病技术研究 陈坤荣, 任 莉, 刘 凡, 等(424)

测试与加工

- HPLC 测定黄曲霉菌侵染后花生种子中 6 种苷化物 王琴飞, 应东山, 洪彩香, 等(428)
顶空气相色谱法测定豆粕中残留溶剂研究 董晓丽, 孙 娟, 张 妍, 等(436)

研究简报

- 生态穿梭育种在甘蓝型油菜高油选育中的作用 关周博, 田建华, 董育红, 等(441)
大豆愈伤组织继代培养中激素浓度组合的优化 王丽艳, 荆瑞勇, 郭永霞, 等(446)
不同油莎豆品种在新疆干旱气候区的产量表现与品质差异 杨 敏, 田丽萍, 薛 琳(451)

综述与专论

- 亚麻单倍体的研究进展 叶春雷, 王 煜, 张建平, 等(455)

[期刊基本参数] CN - 42 - 1429/S * 1979 * b * A₄ * 112 * zh * p * ¥25.00 * 1000 * 18 * 2013 - 04