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播期对不同生育期高油大豆油分 and 产量的影响

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摘要: 为研究不同播期对不同生育期高油大豆品种油分 and 产量的影响.采用分期播种方法对8个高油大豆品种进行处理,结果表明,播期对大豆脂肪含量 and 产量有显著的影响.随着播期的延迟,除两个早熟品种脂肪含量变化不规律外,其它6个中晚熟高油品种的脂肪含量呈有规律的变化,即随着播期的延迟脂肪含量下降,其中有5个品种的脂肪含量变化达到了极显著水平,5月1日播期与5月29日播期8个品种平均油分含量之差达0.87个百分点.播期对产量也有明显的影响,中晚熟品种黑农44、垦农19和中熟品种合丰18产量随着播期的延迟而下降,而其它5个品种呈先上升后下降有规律的变化趋势.不同生育期的高油品种适期播种能获得较高的油分 and 产量.

Abstract: Eight high-oil soybean varieties were used to study the effect of sowing date on soybean oil content and yield. Results showed that sowing date had significant effect on oil content and yield of high-oil soybean. With the delaying of the sowing date, oil content of six mid-or late-mature varieties decreased significantly, while the two early-mature varieties had no regular trend. Yield of three late-mature varieties decreased with the delaying of the sowing date, while the yield of the other five varieties showed increase and then decrease trend. The results suggest that high-oil and high-yield could be obtained under optimum sowing date for high-oil soybean.

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