利用大豆種間雜交後代作為綠肥之研究

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摘　要:本計畫擬進行下列之各項試驗:包括優良烏豆品系與野生大豆之雜交與 F1 之繁殖、雜交後裔培育及選拔、品系試驗、選育品系適應性之評估及不同播種期採種量之試驗等，經由這些試驗結果，希望能選育一優良之豆科綠肥作物品種，供農民輪作綠肥及適合一、二期水稻田休耕之綠肥種植用。

The Interspecific Progenies of Soybean Screening for Green Manure

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Abstract: This soybean breeding program is develp soybean cultivars that rich in biomass and plant tissue component for green manure.The hybrid crosses between the cultivated soybean black soybean (TS80-114B,TS80-115B,TS80-121B) and wild soybean (No.84 from Japan, No.110 from Mainland) were made and F_1 seeds were obtains. Bulk method were used to handle the segregation generations of hybrid cross. Segregation generations were selected in high generations on basis of fresh weigh, dry weigh, and total N, P_2O_5, K_2O content.