

COMPARISON OF SEED AND THEIR YIELDS OF WINGED BEAN  
*PSOPHOCARPUS TETRAGONOLOBUS* (L) DC.) UNDER STAKED  
AND COVER CROP CONDITIONS

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This study was carried out at Pallekele (367 m AMSL Mid Country, Intermediate Zone) in Maha 84/85. Five accessions of winged bean SLS-40, TPT-1, KGR, SU-613 and SU-182 were grown as staked and as a cover crop. Staked plants gave significantly higher seed yields than unstaked plants. The yield increase when staked may be due to the development of a suitable canopy structure.

As a cover crop, significant differences in seed yield were recorded among accessions; SLS-40 gave the highest yield.

Tuber yield showed significant differences between staked and unstaked and also between accessions.

In another study (Maha 85/86) with 5 accessions, SLS-40, TPT-1, KGR, SU-613 and UPS-14 as covers, SLS-40, gave the highest seed yield.