

**ADAPTABILITY OF SOYBEAN CULTIVARS IN SRI LANKA****P. Ganeshan and B. N. Emerson***(Research Division, Department of Agriculture, Peradeniya)*

Fifteen soybean cultivars were evaluated for seed yield in 26 environments. The environments included seven locations and five seasons. Cultivar adaptation was determined on a general as well as seasonal and regional basis by regression analysis.

Hardee was superior in yield to all other cultivars, on a general basis. It was also found to be specifically adoptable to the calcic red latasols of the dry zone and during the *Yala* season in the mid country wet zone.

## SECTION B

Davis, Bossier, Pb 1, Bragg and SI 2 were the other varieties, given in the order of their overall yielding ability, that were superior in yield on a general basis.

In the dry zone, Davis was found to be specifically adoptable and more specifically during the *Yala* season.

Bossier was also found to be specifically adoptable to the dry zone and more specifically during the *Maha* season.

In the intermediate zone, most of the regression coefficients were statistically insignificant. Davis gave the highest yields and was found to be more specifically adoptable to the *Maha* season.

In the wet zone, SI 2 gave stable and high grains yields.