

Effect of sowing windows and cultivars on growth parameters of mungbean

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ABSTRACT

A field experiment entitled “Effect of sowing windows and cultivars on growth parameters of mungbean” was conducted during early summer 2023-24 at Agricultural College Farm, Bapatla. The experiment was laid out in split plot design concept with three replications and randomly allocated each treatment as per the design. The results of the investigation revealed that among the mungbean cultivars studied, the plant height was significantly influenced by the sowing dates at 30, 60 DAS and at maturity. The cultivar LGG-603 (V_3) significantly recorded highest plant height at all the above growth stages and was significantly superior over LGG-460 (V_1) and LGG-574 (V_2). The leaf area index data acquired from different cultivars LGG-460, LGG-574 and LGG-607 sown at different sowing windows studied at different growth stages (30, 60 DAS and at maturity) has shown non-significant difference between the main plots as sowing windows and sub plots as cultivars and that the interaction effect also found non-significant.

Keywords: *Cultivars , Dates of sowing and Performance .*