

Effect of Mid and End Season Moisture Stress on Growth Analysis and Seed Yield of Greengram Genotypes

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ABSTRACT

A field experiment was conducted during *rabi* 2010-11 to study the effect of mid and end moisture stress on growth analysis and seed yield of greengram genotypes. The results revealed that moisture stress at pod formation and maturity stage was more acute compared to mid stress at flowering in reduction of leaf area index, crop growth rate, net assimilation rate, leaf area duration, specific leaf area, harvest index and seed yield and yield components in greengram genotypes. Among the greengram genotypes tested, WGG37 and MGG357 recorded superior growth parameters and yield compared to other genotypes.

Key words : End moisture stress, Greengram, Growth analysis, Mid moisture stress, Net assimilation rate