



Nodulation, yield and thermal requirement of mungbean (*Vigna radiata* L.) genotypes as influenced by date of sowing

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Abstract : A field experiment was carried out during *Kharif* season 2011 with the objective to study the impact of date of sowing on nodulation, thermal requirement and yield of mungbean genotypes (BM-4, RM-03-71, RM-03-79, ML-131, Pusa 1072 and COGG 973). Early sowing (July 20) resulted in absorbing sufficient amount of heat units in less time as compared to late sowings (Aug. 9) which acquired more days to mature and resulted in accumulation of more growing degree days (GDD) as compared to early date of sowing. There was a drastic reduction in yield in case of August 9 sowing compared to July 30 and July 20 sowing date. Genotypes, RM-03-79 produced significantly higher yield than other genotypes except COGG 973 in different date of sowing.

Key Words : Mungbean, Nodulation, Thermal indices

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