Influence of Hybrids and Nitrogen Levels in *kharif* Castor under Krishna Agro-Climatic zone of A P

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ABSTRACT

A field experiment was conducted on clay soils of the Agricultural College Farm, Bapatla during *kharif,* 2017-18 under rainfed conditions with three hybrids of castor (V_1 : PCH 111, V_2 : GCH 4 and V_3 : Western Maruthi) and four nitrogen levels (N_1 : 60 kg ha^{-1}, N_2 : 80 kg ha^{-1}, N_3 : 100 kg $ha^{-1}$and N_4 : 120 kg ha^{-1})evaluated in a Randomized Block Design with factorial concept and replicated thrice. The results revealed that highest drymatter production, yield attributes and castor bean yield were higher in PCH 111 hybrid with120 kg N ha^{-1}.

Key words: *Castor, Hybrids, Nitrogen*