

Extent Adoption and Spread of ANGRAU Blackgram and Greengram Production Technology by the Farmers of Guntur district

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ABSTRACT

The study was conducted in Guntur District of Andhra Pradesh state during the year 2021. A total of hundred Blackgram farmers and 50 Greengram farmers were selected randomly for the study. Majority of the farmers were cultivating LBG 752 variety in Blackgram and LGG 460 variety in Greengram. Majority of the Blackgram and Greengram farmers adopted recommended soils (100%), recommended variety (85.33%), sowing distance (70.67%), sowing time (66.00%), seed rate (58.00%) and weed management (56.67%). Majority of the farmers were not adopting seed treatment (77.33%), pest management (60.00%), fertilizer management (58.00%), irrigation management (54.00%) and disease management (52.00%). Education, extension contact, training undergone of the farmers were highly correlated with their extent adoption of recommended production technology. Major constraints in Blackgram and Greengram production as perceived by the farmers were more sucking pests incidence (71.33%), followed by non-remunerative price (65.33%), price fluctuations (62.67%), untimely heavy rains (58.00%), YMV incidence (52.67%) and labour shortage at the time of harvesting (51.00%), respectively.