

Knowledge and Adoption Levels of Redgram Farmers on Recommended Production Technology in Prakasam District of Andhra Pradesh

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ABSTRACT

The present study was undertaken to find out the farmers' knowledge and adoption levels of Redgram recommended production technology. This investigation was carried out with 120 Redgram farmers selected from twelve villages of Prakasam Dist. It was found that more than half of the farmers were categorized in medium level of knowledge and adoption. Majority of the farmers had correct knowledge on recommended varieties, sowing time, seed rate and spacing, whereas majority of them were with incorrect knowledge on herbicides, seed treatment, fertilizer management and need based pest management. Majority of the Redgram farmers were fully adopting recommended varieties, sowing time, seed rate and spacing. But they were not adopting recommended herbicides and seed treatment. Land holding, trainings undergone, extension participation variables had highly positive and significant correlation with knowledge and adoption levels. The major production constraints expressed by the Redgram farmers were flower drop due continuous dry spells (88.33%), severe incidence of Maruca, Spodoptera and pod fly (80.83%), increased cost of cultivation (75.83%), increased cost of fertilizers and pesticides (73.33%) and low yields due to continuous dry spells (63.33%).

Key words: Adoption, Knowledge, Production constraints, Relationship