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RESEARCH PAPER

Rainfall based crop planning of Srikakulam district of A.P. under DAMU project

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Abstract : The District Agromet Unit (DAMU) under Gramin Krishi Mausam Sewa (GKMS) is the flagship programme of Govt. of India for weather related services to the farmers aiding in decision making on day-to-day agricultural operations. This scheme is extended to block level to address weather needs of farmers at micro-level. This is a joint effort of India Meteorological Department (IMD) and Indian Council of Agricultural Research (ICAR) with multi-organisational collaboration to implement various components and issuing crop and location specific weather based agro advisories for the benefit of farming community on every Tuesday and Friday and occurrence of extreme weather. The aim of the present study is to analyze the mandal wise rainfall data and the mandals were grouped based on the distribution of rainfall. Out of 38 plain mandals, 27 mandals received normal rainfall and 5 mandals received excess rainfall during South west monsoon period. Similarly, 7 agency mandals received normal rainfall and 4 agency mandal received excess rainfall during South West monsoon period as a whole. Month wise data showed that the distribution was either deficit or excess during the months of South West monsoon period *i.e.*, June, July, August and September.

Key Words : Sunhemp, Black gram, Rice fallow situation, OFTs, Yield

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