

## **Profile Characteristics of Chilli Growers Affected by Climate Risk in Prakasam District of Andhra Pradesh**

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### **ABSTRACT**

Climate risk is one of the major worldwide ecological issues affecting agriculture. Chilli is largely produced in India and Andhra Pradesh. Chilli growers in Prakasam were affected due to climate risks like heavy rains, cyclones and droughts. Crop productivity is uncertain due to late arrival of monsoon. The present study was conducted to study the profile characteristics of chilli growers in Prakasam district of Andhra Pradesh during 2021-22 using *Ex-Post Facto* research design. Two mandals were purposively selected and two villages were selected from each mandal using simple random sampling procedure and thus making a total of four villages. From each selected village, 10 farm households with male, female and offspring involved in cultivating chilli crop were selected purposively and thus, a total of 40 farm households (male, female and offspring) were sampled for the study. Hence, from each village total 30 respondents (male, female and offspring) were selected and thus making total of 120 respondents. The results of the study revealed that most of the male and female chilli growers were middle aged (62.50% and 60.00%) and offspring were young aged (87.50%). Most of the male respondents had high school (35.00%) education, females had primary school (30.00%) education and offspring had intermediate (32.50%) education. Majority of the male, female and offspring chilli growers had medium (57.50%, 55.00% and 50.00%) farming experience, medium (50.00%, 50.00% and 42.50%) annual income, medium (67.50%, 57.50% and 62.50%) risk orientation, most of them were small farmers (35.00%, 35.00% and 45.00%), had medium (62.50%, 62.50% and 57.50%) farm power and machinery, medium (67.50%, 65.00% and 70.00%) level of sources of information, medium (60.00%, 57.50% and 67.50%) mass media exposure, medium (72.50%, 62.50% and 67.50%) extension contact and medium (67.50%, 62.50% and 72.50%) economic motivation respectively.

**Keywords:** *Climate risk, Chilli growers and Profile characteristics.*