



RESEARCH PAPER

Knowledge level of farmers about redgram production technologies of UAS Dharwad

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Abstract : The present study was conducted in Vijayapura and Bagalkot districts of Karnataka state during 2021-22. To study the knowledge level of farmers about redgram production technologies of UAS Dharwad by employing “*Ex-post facto*” research design and by using simple random sampling technique in Vijayapura and Bagalkot districts constituting a total sample size of 160 farmers. It was depicted that, majority 46.25 per cent of red gram growers belonged to medium knowledge level category, whereas, 30.00 per cent and 23.75 per cent of them belonged to low and high-level knowledge category, respectively. Cent per cent redgram growers had knowledge about recommended time of sowing, method of sowing and inter cultivations. Majority of the redgram growers had knowledge about yield (96.88 %), major pests (93.13 %), time of application of FYM (92.50 %), recommended variety (90.62 %), varieties resistant/tolerant to wilt (87.50 %), major diseases (86.25 %), spacing (83.13 %), seed rate for sole crop (78.75 %), soil type (77.50 %) and quantity of FYM (76.25 %). More than half of the redgram growers had knowledge about fertilizer dosage (74.37 %), seed treatment (62.50 %), nipping (57.50 %), inter crops (56.25 %), chemicals to control pest (55.00 %) and seed rate for mixed redgram cultivation (51.25 %). This trend is due to their habitual predisposition to set pattern of redgram cultivation over the years using old practices without any change. Hence, the agriculture department has to conduct training programmes on redgram cultivation, establish demonstration plots in farmer’s field.

Key Words : Knowledge, Redgram, Production technology, Nipping, Ratooning, IPM

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