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Research Paper

Crop production planning for different size group of farmers using fuzzy multi objective linear programme

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ABSTRACT : Present study is an application of fuzzy optimization technique in agricultural planning particularly for farmers of Coimbatore district, Tamil Nadu, India. Generally the crop planning problem is formulated as linear programming problem but in real situation there are many uncertain factors in agricultural production planning problems. Therefore, future profit for crops is imprecise and uncertain. In this article an attempt is made to formulate a model for crop planning for different size group of farmers in Coimbatore district.

KEY WORDS: Fuzzy, Goal programming, Linear, Production planning

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