In this paper some concept of fuzzy set have discussed and one fuzzy model have applied on agricultural farm for optimal allocation of different crops by considering maximization of net benefit, production and utilization of labour. Crisp values of the objective functions obtained from selected non-dominated solutions are converted into triangular fuzzy numbers and ranking of those fuzzy numbers are done to make a decision.

References


**Index Terms**

Computer Science

Artificial Intelligence

**Keywords**

Crisp and Fuzzy concept  Triangular fuzzy number  \(\alpha-\)cut  Optimism index  Fuzzy WPM (Weighted Product Method)

MCDM(Multi-criteria Decision Making)