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(57) Abstract :
The present invention relates to identification of an optimal crop for a land. The method may include, receiving, at a computing terminal, an image of a land, a time duration information and a determined location data; acquiring, the received image of the land, the received time duration information and the determined location data from the computing terminal via the network interface; identifying, the quality of the land based on comparison of the acquired image of the land with the pre-stored images of the land database by applying a machine learning technique; analysing, the crop database to identify the crop recommendations based on the acquired time duration information, the acquired location data and the identified quality of the land; at step generating, a graphical representation based on the identified crop recommendations; transmitting, the generated graphical representation to the computing terminal.

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