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(57) Abstract :

The present invention discloses an AI-driven real-time crop pricing and market advisory system designed to empower farmers with data-driven insights for maximizing profitability. The system integrates diverse data sources—including weather forecasts, crop yield estimates, market demand, regional price trends, and logistics data—into a machine learning-based predictive engine that forecasts short- to mid-term crop prices. A user-friendly interface accessible via mobile devices, web portals, or rural kiosks delivers actionable recommendations such as optimal selling time, ideal market locations, and price trend alerts. The system aims to reduce farmer dependency on intermediaries, prevent distress selling, and improve overall market efficiency by enabling informed, timely, and location-specific decisions.

Accompanied Drawing [FIGS. 1-2]

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