Agriculture

The effective use of Information Technology will drastically reduce the Farmer distress. Explain

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Answer

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JAM Project

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- Jan dhan Yojana-Aadhaar-Mobile linking project for direct benefits transfer.
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- Issuance of rupay Kisan credit cards
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e-NAM

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- Pan-India electronic trading portal which networks the existing APMC mandis to create a unified national market for agricultural commodities.
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- Single window service for all APMC related information and services.
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NCDEX

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- NCDEX, an agriculture-focused commodity futures exchange, has got

8,000 farmers to trade on the platform through four farmer producer companies (FPC) in last one year.
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- NCDEX provided the much-needed incentive for investing in production, it provides market structure for farmers.
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Kisan-Suvidha App

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- The app has a simple interface and provides information on five critical parameters weather, input dealers, market price, plant protection and expert advisories.
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- An additional tab directly connects the farmer with the Kisan call centre where technical graduates answer their queries.
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m-Kisan

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- It is maintained by Department of Agriculture & Cooperation, Ministry of Agriculture,
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- It is a SMS Portal for farmers enables all central and State government organizations in agriculture and allied sectors.
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- It gives information/services/advisories to farmers by SMS in their language, preference of agricultural practices and location.
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Remote sensing and drone technology

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- Remote Sensing & GIS can be used for monitoring the crops and estimating the zones during natural calamities.
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- Drone technology can be used for sample data collection and pest detections.
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- PMFBY encourages use of such technology
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Bankable farmer initiative

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- An African model, where farmers will have a profile and all details of their credibility and repaying capability will be monitored India is planning for such initiative.
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Soil health cards

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- Maintaining soil related details through a dedicated portal.
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