Digital Services Portal for Agriculture & Farmers Welfare

Portal: https://services.india.gov.in/service/ministry_services?cmd_id=11&ln=en

Ministry: Ministry of Agriculture and Farmers Welfare, Government of India

Platform: National Government Services Portal (India.gov.in)

Managed By: Ministry of Electronics and Information Technology (MeitY)

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Executive Summary

The National Government Services Portal (India.gov.in) serves as India's comprehensive digital gateway, providing single-window access to government services across all ministries, departments, and levels of administration[1]. Within this ecosystem, the **Ministry of Agriculture and Farmers Welfare services section** consolidates critical digital services, portals, schemes, and information systems specifically designed to empower farmers with timely information, financial support, market intelligence, technical guidance, and welfare benefits through seamless online access.

This integrated digital services architecture represents the Government of India's commitment to **Digital Agriculture** and **Digital India** vision, transforming traditional agricultural extension and service delivery through Information and Communication Technology (ICT). By bringing together over **25+ major digital services** spanning income support schemes, crop insurance, soil health management, market information, advisory systems, quality certification, and knowledge management platforms, the portal

eliminates physical barriers, reduces transaction costs, enhances transparency, and enables farmers across India—from remote villages to progressive commercial farms—to access government support and information with unprecedented ease.

Key Service Categories:

1. **Income Support and Financial Services:**
   - PM-KISAN registration, status tracking, and eKYC
   - Crop insurance through PMFBY
   - Credit and loan facilitation through NABARD
2. **Soil Health and Input Management:**
   - Soil Health Card application and tracking
   - Fertilizer recommendations
   - Soil testing laboratory locator
3. **Market Intelligence and Trading:**
   - AGMARKNET price information
   - e-NAM online trading platform
   - Commodity and market-wise daily reports
4. **Advisory and Information Services:**
   - mKisan SMS advisory portal
   - Kisan Knowledge Management System (NABARD)
   - Extension reforms monitoring
5. **Quality and Certification:**
   - AGMARK certification application and tracking
   - Seed quality information (Seednet portal)
6. **Scheme-Specific Services:**
   - National Horticulture Board (NHB) applications
   - Coconut Development Board schemes
   - State-specific agricultural scheme applications

The portal's strength lies in its **integration, accessibility, and transparency**—farmers can access multiple services through a unified interface, track application statuses in real-time, receive direct benefit transfers (DBT) into bank accounts, and obtain authentic government information without dependency on intermediaries. With services available in multiple Indian languages and accessible via web browsers, mobile devices, and Common Service Centers (CSCs), the digital services ecosystem ensures inclusive reach to

India's diverse farming community comprising over 146 million farmer households.

This document provides comprehensive coverage of all agricultural digital services available through India.gov.in, including registration processes, eligibility criteria, benefits, access methods, supporting documentation, and contact information—serving as a complete reference guide for farmers, agricultural extension workers, CSC operators, and rural development practitioners seeking to leverage digital technology for agricultural development and farmer welfare.

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1. PM-KISAN Samman Nidhi Digital Services

1.1 Scheme Overview

Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) is India's flagship direct income support scheme providing financial assistance of **₹6,000 per year** to all landholding farmer families across the country[2]. Launched on February 24, 2019, the scheme operates on 100% Central Government funding with Direct Benefit Transfer (DBT) ensuring transparent, timely payment directly into farmers' Aadhaar-seeded bank accounts.

Financial Pattern:

- Annual benefit: ₹6,000 per farmer family
- Payment mode: Three equal installments of ₹2,000 each
- Payment frequency: Every four months
- Transfer method: Direct Benefit Transfer (DBT) to Aadhaar-linked bank account
- Funding: 100% Central Government

Beneficiary Coverage:

Over **9.5 crore farmers** benefited from the 18th installment (August-November 2024), with cumulative disbursement exceeding **₹2.8 lakh crore** since scheme inception[3].

1.2 New Farmer Registration Service

Service Name: Register as a New Farmer for Pradhan Mantri Kisan Samman Nidhi PM-KISAN

Portal: https://pmkisan.gov.in/RegistrationFormupdated.aspx

Service Description:

Farmers can register for the PM-KISAN Samman Nidhi scheme by providing necessary personal, land, and bank details to apply for financial support aimed at ensuring economic stability and encouraging agricultural productivity[4].

Eligibility Criteria:

- All landholding farmer families (cultivable land ownership)
- Both small/marginal and other categories of farmers
- Family definition: Husband, wife, and minor children
- Aadhaar card mandatory for registration
- Active bank account linked to Aadhaar

Exclusion Categories:

Farmers belonging to the following categories are NOT eligible:

- Institutional landholders
- Farmer families with member(s) who:
    - Paid income tax in last assessment year
    - Hold/held constitutional posts
    - Are/were government employees (excluding Multi-Tasking Staff/Class IV/Group D)
    - Are/were government pensioners with monthly pension ≥ ₹10,000
    - Are professionals (doctors, engineers, lawyers, CAs, architects) registered with professional bodies

Step-by-Step Registration Process:

1. **Visit Official Website:**

   Navigate to **pmkisan.gov.in** using web browser.

2. **Locate Registration Option:**

   Click on **"New Farmer Registration"** under **"Farmers Corner"** section on homepage.
3. **Select Farmer Type:**

   Choose either:
   - **Rural Farmer Registration** (for village/rural area farmers)
   - **Urban Farmer Registration** (for city/town farmers)
4. **Enter Aadhaar Details:**
   - Enter 12-digit Aadhaar number
   - Enter mobile number (should be linked to Aadhaar)
   - Select state from dropdown
   - Enter captcha code displayed
   - Click **"Submit"**
5. **Verify Aadhaar OTP:**
   - OTP sent to registered mobile number
   - Enter OTP in verification field
   - Click **"Verify Aadhaar OTP"**
6. **Fill Personal Details:**
   - Name (auto-populated from Aadhaar, verify correctness)
   - Date of Birth
   - Gender
   - Category (General/SC/ST/OBC)
   - Mobile number confirmation
7. **Enter Address Details:**
   - Complete address (auto-populated from Aadhaar, verify/update)
   - State, District, Sub-District, Block, Village
   - Pin code
8. **Provide Bank Account Details:**
   - Bank name (select from dropdown)
   - Branch name
   - IFSC code
   - Account number (enter twice for confirmation)
   - Account holder name (must match Aadhaar name)
9. **Enter Land Details:**
   - Total cultivable land holding (in hectares)
   - Land ownership category (Owner/Cultivator)

- Khasra/Survey number (land parcel identification)
- Area of each land parcel

10. **Upload Documents:**

Upload scanned copies of:
- Land ownership documents (revenue records, 7/12 extract, RoR)
- Bank passbook first page or cancelled cheque
- Aadhaar card (front and back)
- Passport size photograph

11. **Declaration and Consent:**
- Read terms and conditions
- Check declaration box confirming information accuracy
- Provide consent for data verification and DBT

12. **Submit Application:**
- Click **"Save"** or **"Submit"** button
- Application submitted successfully
- **Farmer ID** or **Registration Number** generated
- Take screenshot or note down Registration ID for future reference

Post-Registration Process:

1. **Verification Phase:**

Application verified by local authorities (Patwari, Village Agriculture Officer, District Agriculture Officer). Verification includes:
- Land ownership record matching
- Aadhaar-bank account linkage confirmation
- Eligibility criteria validation

2. **Approval Phase:**

After successful verification, application approved at block or district level.

3. **Beneficiary List Inclusion:**

Upon approval, farmer name added to PM-KISAN beneficiary list.

4. **Installment Payment:**

   Once in beneficiary list, farmer receives quarterly installments of ₹2,000 directly in bank account on scheduled dates (usually April-July, August-November, December-March).

Registration Channels:

1. **Self-Registration (Online):**

   Direct registration on PM-KISAN portal by farmer.
2. **Common Service Center (CSC):**

   Visit nearest CSC for assisted registration. CSC operator helps with form filling and document upload.
3. **State Government Portal:**

   Some states provide state-level portals integrated with PM-KISAN for registration.
4. **Revenue Office/Agriculture Office:**

   Visit Village Revenue Officer, Patwari, or District Agriculture Officer for offline registration assistance.

Documents Required:

- Aadhaar Card (mandatory)
- Land ownership documents (revenue records, 7/12, patta, khatauni)
- Bank account passbook or cancelled cheque
- Mobile number linked to Aadhaar
- Passport size photograph

1.3 Check PM-KISAN Application Status

Service Name: Check the Status of Your Pradhan Mantri Kisan Samman Nidhi PM-KISAN Application

Portal: https://pmkisan.gov.in (Farmers Corner → Beneficiary Status)

Service Description:

Farmers can check the status of their PM-KISAN applications and track installment payments by entering registration details or Aadhaar number[5].

How to Check Status:

1. Visit **pmkisan.gov.in**
2. Click **"Beneficiary Status"** under **"Farmers Corner"**
3. Choose status checking method:
   - By Aadhaar Number
   - By Account Number
   - By Mobile Number
   - By Farmer ID/Registration Number
4. Enter chosen identification detail
5. Enter captcha code
6. Click **"Get Data"** or **"Show Status"**
7. View application status and payment history

Status Information Displayed:

- Registration status (Approved/Pending/Rejected)
- Installment payment history (all previous installments)
- Payment dates and amounts
- Payment reference numbers (UTR)
- Beneficiary verification status
- eKYC completion status
- Reason for rejection (if application rejected)

Common Status Messages:

Status Message	Meaning
FTO Generated	Fund Transfer Order generated, payment in process
Payment Successful	Installment credited to bank account
Pending at State Level	Application under verification by state authorities
eKYC Pending	Farmer must complete eKYC to receive benefits
Aadhaar Authentication Failed	Aadhaar details mismatch, need correction
Land Record Verification Pending	Land ownership verification in progress
Payment Failed	Technical issue, will be resolved and payment retried

Table 1: PM-KISAN application status messages

1.4 Complete eKYC for PM-KISAN

Service Name: Complete e-KYC for Pradhan Mantri Kisan Samman Nidhi PM-KISAN

Mandatory Requirement: eKYC is **MANDATORY** for PM-KISAN registered farmers to receive benefits[6].

Service Description:

The e-KYC (electronic Know Your Customer) service enables farmers to verify their identity by linking Aadhaar details with PM-KISAN registration, ensuring eligibility confirmation and timely disbursement of financial aid[7].

Two eKYC Methods:

1. **OTP-Based eKYC (Online):**

   Available on PM-KISAN portal for self-completion.

Steps:
- Visit **pmkisan.gov.in**
- Click **"eKYC"** under **"Farmers Corner"**
- Enter Aadhaar number
- Enter captcha code
- Click **"Search"** or **"Get OTP"**
- OTP sent to Aadhaar-registered mobile number
- Enter OTP in verification field
- Click **"Submit"**
- eKYC completed successfully
- Confirmation message displayed

2. **Biometric-Based eKYC (At CSC):**

Available at Common Service Centers with biometric devices.

Steps:
- Visit nearest CSC center
- Provide Aadhaar number to CSC operator
- CSC operator initiates biometric eKYC process
- Farmer provides fingerprint or iris scan on biometric device
- Biometric data matched with UIDAI (Aadhaar) database
- eKYC completed upon successful biometric authentication
- Receipt provided to farmer

Why eKYC is Mandatory:

- Confirms farmer identity and prevents duplicate registrations
- Links Aadhaar with bank account for secure DBT
- Ensures only eligible farmers receive benefits
- Reduces fraud and ensures transparency
- Required for continued benefit disbursement

eKYC Deadline:

Farmers who have not completed eKYC may face benefit suspension.
Complete eKYC at earliest to avoid payment delays.

CSC Locator:

To find nearest CSC for biometric eKYC:

- Visit **www.csc.gov.in**
- Use **"Locate CSC"** feature
- Enter state, district, block details
- View CSC addresses and contact numbers

1.5 PM-KISAN Mobile App

App Name: PM-KISAN Mobile Application

Availability: Google Play Store (Android) and Apple App Store (iOS)

Key Features:

- Self-registration for new farmers
- Beneficiary status checking
- eKYC completion (OTP-based)
- Installment payment tracking
- Aadhaar correction request
- Grievance registration
- Helpline access
- Scheme information in multiple languages

Benefits of Mobile App:

- Convenient access from anywhere
- No computer or internet cafe required
- Quick status checks on mobile phone
- Push notifications for payments and updates
- Multilingual interface for regional language users

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2. Soil Health Management Digital Services

2.1 Soil Health Card Scheme Overview

The **Soil Health Card (SHC) Scheme** was launched by the Government of India on February 19, 2015, to provide farmers with comprehensive information about their soil's nutrient status and recommendations on appropriate fertilizer dosage for maintaining soil health and improving productivity[8].

Scheme Objectives:

- Assess soil health status through scientific testing
- Provide customized fertilizer recommendations
- Promote balanced use of chemical fertilizers and organic amendments
- Improve soil fertility and crop productivity
- Reduce input costs through precise nutrient application
- Enable sustainable agriculture and soil conservation

Soil Health Card Format:

Each SHC contains:

- Farmer identification details (name, village, land parcel details)
- Soil sample information (GPS coordinates, date of sampling)
- Soil test results for 12 parameters:
    - Macronutrients: Nitrogen (N), Phosphorus (P), Potassium (K), Sulphur (S)
    - Secondary nutrients: Calcium (Ca), Magnesium (Mg)
    - Micronutrients: Zinc (Zn), Iron (Fe), Copper (Cu), Manganese (Mn), Boron (Bo)
    - Soil properties: pH, Electrical Conductivity (EC), Organic Carbon (OC)
- Nutrient status rating (Low/Medium/High for each parameter)
- Crop-wise fertilizer recommendations (NPK dosage)
- Soil amendments required (lime for acidic soil, gypsum for alkaline soil, organic matter)
- Advisory on soil health improvement practices

Issuance Frequency:

SHC issued to every farmer **every 3 years** to track soil health changes over time and adjust nutrient management accordingly[9].

Target Coverage:

Over **28 crore soil health cards** distributed to farmers across India since scheme inception, covering all agricultural districts.

2.2 Apply for Soil Health Card Service

Service Name: Farmers Apply for Soil Health Card

Portal: https://soilhealth.dac.gov.in

Service Description:

This portal offers comprehensive information on soil health, including nutrient levels, deficiencies, and fertilizer recommendations. Farmers can apply for soil testing, track sample status, and receive reports to manage soil fertility effectively for sustainable agriculture and improved crop productivity[10].

Application Process:

1. **Online Application Method:**

   Step 1: Visit Soil Health Card portal:
   https://soilhealth.dac.gov.in

   Step 2: Click **"New Farmer Registration"** or **"Login"** (if already registered)

   Step 3: Register by providing:
   - Name, mobile number, email
   - State, District, Sub-District, Village
   - Land details (survey number, area)
   - Create login credentials
   Step 4: After registration, login to portal

   Step 5: Submit soil testing request:
   - Select land parcel for soil testing
   - Choose crops grown or intended to grow
   - Provide additional field details
   - Submit application
   Step 6: Receive **Application Reference Number** for tracking
2. **Offline Application Method:**

   Step 1: Contact District Agriculture Officer or Block Agriculture Officer

Step 2: Verify if your district/village included in State's Annual Action Plan for SHC generation

Step 3: Field agent visits farmer's land:
- Collects personal and land details
- Geo-tags land location using mobile app
- Collects soil sample from field
- Provides receipt with sample identification number

Step 4: Soil sample sent to designated Soil Testing Laboratory

Step 5: Laboratory conducts analysis and uploads results to portal

Step 6: Soil Health Card generated and provided to farmer

Soil Sample Collection Guidelines:

For accurate results, farmers should ensure:

- Sample collected from multiple points in field (5-10 points per acre)
- Sampling depth: 0-15 cm for most crops, 0-30 cm for deep-rooted crops
- Avoid sampling near bunds, compost pits, water channels, trees
- Samples collected before fertilizer application
- Composite sample prepared by mixing individual samples
- Sample quantity: 500 grams per field

Documents Required:

- Land ownership documents or cultivation certificate
- Aadhaar card or photo ID proof
- Mobile number for communication
- Land survey number or GPS coordinates

2.3 Track Soil Health Card Status

Service Name: Track - Soil Health Card Portal

Portal: https://soilhealth.dac.gov.in

Service Description:

Farmers can track the status of their Soil Health Card applications through this service. After submitting soil samples, users can monitor processing stages and SHC generation to ensure timely access to nutrient and fertilizer recommendations[11].

Status Tracking Process:

1. Visit Soil Health Card portal
2. Click **"Track Your Sample"** or **"Check SHC Status"**
3. Enter tracking details:
    - Application Reference Number, OR
    - Mobile Number, OR
    - Farmer ID
4. Select State, District, Sub-District, Village (if required)
5. Click **"Search"** or **"Track Status"**
6. View sample processing status

Status Stages:

Status Stage	Description
Sample Registered	Soil sample collected and registered in system
Sample Received at Lab	Laboratory received sample for testing
Testing in Progress	Chemical analysis of soil underway
Test Results Uploaded	Laboratory completed analysis and uploaded results
SHC Generated	Soil Health Card generated with recommendations
SHC Dispatched/Available for Download	Card ready for collection or download

Table 2: Soil Health Card tracking statuses

Timeline:

Typical processing time: **2-3 weeks** from sample collection to SHC generation (may vary by state and laboratory capacity).

2.4 Print Soil Health Card Online

Service: Download and Print Soil Health Card

Process:

1. Visit Soil Health Card portal
2. Login with credentials or enter tracking details
3. Navigate to **"Print Soil Health Card"** section
4. Select language preference (English, Hindi, or regional language)
5. Download SHC in PDF format
6. Print card for offline reference

SHC Availability:

- Available in **22 Indian languages** for farmer convenience
- Local units and regional dialects supported
- Standardized format across all states
- Digital copy downloadable anytime for future reference

2.5 Locate Soil Testing Laboratory

Service Name: Locate Soil Testing Laboratory

Portal: https://soilhealth.dac.gov.in

Service Description:

This service enables users to find government-registered Soil Testing Laboratories across India. Provided by the Department of Agriculture and Farmers Welfare, it offers lab details on a map and report format to help farmers test soil samples and understand their land's health for better crop planning[12].

How to Locate Laboratory:

1. Visit Soil Health Card portal
2. Click **"Locate Soil Testing Lab"** or **"STL Map"**
3. Two viewing options available:

   Map View:
   - Interactive map of India displayed
   - State-wise color-coded laboratory markers
   - Zoom into specific state/district
   - Click on marker to view lab details

   Report/List View:
   - Select State from dropdown
   - Select District
   - View list of laboratories with complete details

4. Laboratory information displayed:
   - Laboratory name and code
   - Complete address
   - Contact phone numbers and email
   - Testing capacity and parameters analyzed
   - Accreditation status
   - Distance from your location (if GPS enabled)
5. Choose nearest laboratory for sample submission

Laboratory Network:

India has **over 1,200 Soil Testing Laboratories** (government and private) across states and districts providing subsidized or free soil testing services to farmers.

Private Soil Testing:

Farmers can also approach private accredited laboratories for faster testing (may involve fee). Results accepted for SHC generation if laboratory accredited by government.

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3. Market Intelligence and Trading Services

3.1 AGMARKNET Portal Services

Portal Name: AGMARKNET - Agriculture Marketing Information System Network

Website: https://agmarknet.gov.in

Implementing Agency: Directorate of Marketing and Inspection (DMI), Department of Agriculture and Farmers Welfare

Service Description:

AGMARKNET provides real-time information on market trends, commodity prices, and mandi profiles across India. This portal enables farmers, traders, and policymakers to access reliable data that helps in making informed decisions about selling, buying, and market forecasting for agricultural produce[13].

Portal Objectives:

- Disseminate timely and accurate market price information
- Provide market arrival data for agricultural commodities
- Enable farmers to make informed selling decisions
- Facilitate transparent price discovery
- Support policymakers with market intelligence for interventions
- Connect farmers with market opportunities

Coverage:

- Over **3,000 wholesale markets (mandis)** across India
- More than **300 agricultural commodities**
- Daily price and arrival data updates
- Historical price trends and analysis

3.2 Check Market and Commodity Wise Daily Reports

Service Name: Check Agriculture Market and Commodity Wise Daily Reports

Service Description:

Users can access market and commodity-wise daily reports to view current prices, arrivals, and trading volumes in different mandis across states[14].

How to Access Reports:

1. Visit **https://agmarknet.gov.in**
2. Click **"Price & Arrival Report"** or **"Daily Reports"**
3. Select report parameters:

    Date Selection:
    - Year, Month, Date for which data required

    Location Selection:
    - Multiple states can be selected
    - Multiple markets within states selectable

    Commodity Selection:
    - Commodity group (Cereals, Pulses, Vegetables, Fruits, Oilseeds, Spices, etc.)
    - Specific commodity within group
    - Multiple commodities can be selected

4. Click **"Submit"** or **"Get Report"**
5. View comprehensive report showing:
    - Commodity name and variety
    - Market name and state
    - Minimum price (₹/quintal)
    - Maximum price (₹/quintal)
    - Modal price (most common/average price)
    - Arrival quantity (in tonnes or quintals)
6. Export report:
    - Download as Excel file for offline analysis
    - Print report for reference

3.3 Check District Wise Daily Commodity Reports

Service Name: Check District Wise Daily Agriculture Commodity Reports

Service Description:

Access district-wise daily reports showing all commodity prices and arrivals in markets within a specific district[15].

Process:

1. Visit AGMARKNET portal
2. Select **"District-Wise Reports"**
3. Choose State from dropdown
4. Choose District
5. Select date
6. Submit to view comprehensive district market report
7. Report shows all commodities traded in district markets on selected date

3.4 Check Market Wise Reports for Specific Commodity

Service Name: Check Market Wise Daily Reports of Specific Agriculture Commodity

Service Description:

View price and arrival data for a specific commodity across different markets on a chosen date[16].

Process:

1. Select commodity group and specific commodity
2. Select month, year, and date
3. View commodity prices across multiple markets
4. Compare prices to identify best selling location
5. Useful for farmers deciding where to transport produce for better prices

3.5 Statistical and Analytical Reports

Service Name: Check Statistical and Analytical Reports on Agriculture Commodity Prices

Portal: DACNET (Department of Agriculture and Cooperation Network)

Service Description:

Access comprehensive statistical analysis including price trends, seasonal patterns, year-on-year comparisons, and forecasting for agricultural commodities[17].

Report Types:

- State-wise price analysis reports
- District-wise market reports
- Top markets for specific commodities
- Daily market arrivals and price trends for metros and major cities
- Month-wise and year-wise price comparisons
- Commodity-wise seasonal price patterns
- Market efficiency and price spread analysis

Benefits for Farmers:

- Understand seasonal price cycles to time harvest and sales
- Identify best markets for their produce
- Plan crop choices based on expected market demand and prices
- Negotiate better with traders using authenticated price data
- Avoid distress sales by knowing market conditions

3.6 National Agriculture Market (e-NAM) Service

Service Name: National Agriculture Marketing Portal

Portal: https://www.enam.gov.in

Launch Date: April 14, 2016

Service Description:

The National Agriculture Market (e-NAM) portal connects farmers and traders online, facilitating transparent price discovery and fair trade practices. It allows stakeholders to register and transact on a unified platform across mandis, helping farmers receive better prices based on quality and reducing dependency on middlemen[18].

Key Features:

- **Pan-India Online Trading:** Farmers and traders can participate in online auctions across India
- **Transparent Price Discovery:** Real-time bidding ensures competitive prices
- **Quality-Based Pricing:** Produce graded and priced based on quality parameters
- **Unified License:** Single registration allows trading in any e-NAM integrated mandi
- **Online Payment:** Secure online payment and settlement systems
- **Warehouse-Based Trading:** Farmers can store produce in warehouses and sell later
- **Commodity Wise Integration:** Specific commodities integrated in each mandi

Coverage:

- **1,361 mandis** integrated across **23 states and 4 Union Territories** (as of 2026)
- Major agricultural commodities covered
- Quality assaying infrastructure established in integrated mandis

Registration Process:

1. **For Farmers:**
   - Visit e-NAM portal
   - Click **"Farmer Registration"**
   - Provide Aadhaar, mobile number, land details, bank account
   - Submit documents (land ownership, photo ID, bank passbook)
   - Receive e-NAM Farmer ID after verification
2. **For Traders/Buyers:**
   - Register on e-NAM portal
   - Provide business details, GSTIN, PAN
   - Submit security deposit as per mandi norms
   - Obtain digital signature for online bidding
   - Receive e-NAM Trader ID
3. **For FPOs:**
   - Register as organization on e-NAM

- Provide FPO registration certificate, member details
- Sell members' produce collectively
- Enhanced bargaining power through aggregation

Trading Process:

1. Farmer brings produce to e-NAM integrated mandi
2. Produce quality assessed and graded by assaying agency
3. Quality certificate issued with grade
4. Lot entry created in e-NAM system with quality parameters
5. Online auction conducted - traders across India can bid
6. Highest bidder wins auction
7. Online payment transferred to farmer's bank account
8. Produce delivered to buyer

Benefits:

- Farmers access to buyers across India (not limited to local traders)
- Better price realization through competitive bidding (15-25% higher prices reported)
- Transparent auction process with digital record
- Quick online payment reducing cash risks
- Quality-based pricing encouraging quality improvement
- Reduced dependency on commission agents

e-NAM Mobile App:

Available for Android and iOS:

- View live auctions
- Bid online from mobile
- Track payment status
- View market prices across e-NAM mandis
- Push notifications for auction updates

4. Agricultural Advisory and Information Services

4.1 mKisan Portal and SMS Advisory Service

Service Name: mKisan SMS Portal for Farmers

Portal: https://mkisan.gov.in

Launch Year: 2013

Implementing Agency: Department of Agriculture and Farmers Welfare

Service Description:

The mKisan Portal enables delivery of personalized agricultural advisories via SMS to farmers. Messages are tailored to the farmer's language, location, and preferred practices, helping them stay updated on weather, crops, pest control, and government schemes[19].

Service Objectives:

- Disseminate timely agricultural information to farmers through SMS
- Provide location-specific, crop-specific, and season-specific advisories
- Alert farmers about weather conditions, pest outbreaks, market opportunities
- Inform about government schemes, subsidies, and programs
- Enable two-way communication through pull and push SMS services

Coverage:

Over **5 crore registered farmers** receiving SMS advisories in local languages across India.

Advisory Types:

1. **Weather Advisories:**

- 5-7 day weather forecast for farmer's location
- Rainfall predictions
- Extreme weather alerts (storms, heatwaves, cold waves)
- Weather-based farming advisories (irrigation, pesticide spraying windows)

2. **Crop Management Advisories:**
   - Sowing time recommendations
   - Seed treatment methods
   - Fertilizer application schedules and dosages
   - Irrigation scheduling
   - Harvesting time guidance

3. **Pest and Disease Alerts:**
   - Pest outbreak warnings in farmer's district
   - Disease identification and management
   - Integrated Pest Management (IPM) practices
   - Bio-pesticide and chemical control measures

4. **Market Information:**
   - Mandi prices for farmer's commodities
   - Market arrival trends
   - Best selling opportunities
   - Minimum Support Price (MSP) announcements

5. **Scheme Information:**
   - New government scheme launches
   - Application deadlines
   - Subsidy announcements
   - Eligibility criteria and benefits

6. **Technology Dissemination:**
   - New agricultural technologies and practices
   - Success stories and case studies
   - Training program announcements
   - KVK event notifications

Registration Process:

1. **Online Registration:**
   - Visit **https://mkisan.gov.in**
   - Click **"Farmer Registration"**
   - Enter mobile number, name, state, district, block, village
   - Select crops grown or of interest

- Select livestock/fishery interests (if applicable)
- Choose preferred language for SMS
- Submit registration
- Receive confirmation SMS

2. **SMS-Based Registration:**
   - Send SMS to designated number (varies by state)
   - SMS format: Register <Name> <Location> <Crops>
   - Receive confirmation and start receiving advisories

3. **Through KVK or Agriculture Office:**
   - Visit nearest Krishi Vigyan Kendra or Agriculture Office
   - Provide registration details to official
   - Official registers farmer in mKisan system

Service Features:

1. **Push SMS:**

   Proactive advisories sent to farmers based on their profile:
   - Location-triggered: Weather and pest alerts for farmer's district
   - Crop-triggered: Advisories for registered crops at appropriate growth stage
   - Season-triggered: Sowing, harvesting, market advisories at right time
   - Event-triggered: Scheme announcements, training programs

2. **Pull SMS:**

   Farmers send query SMS to get specific information:
   - Query format examples: "Weather", "Price Tomato", "Pest Cotton"
   - System responds with relevant information
   - Available 24/7 for instant information access

3. **Interactive Voice Response System (IVRS):**
   - Call toll-free number (varies by state)
   - Menu-driven voice interface in local language
   - Access crop advisories, weather, prices through voice

4. **Mobile Apps:**

Several state agriculture departments have mobile apps integrated with mKisan for richer content delivery including images, videos, and interactive features.

Personalization:

- Advisories customized to farmer's registered crops
- Language preference (Hindi, English, and regional languages)
- Location-specific information (district/block level)
- Growth stage-based recommendations for registered crops

Government Organizations Using mKisan:

- All State Agriculture Departments
- Krishi Vigyan Kendras (KVKs) across India
- India Meteorological Department (IMD) for weather advisories
- Directorate of Plant Protection for pest alerts
- State Horticulture Departments
- Animal Husbandry and Fisheries Departments
- ICAR institutes for technology dissemination

Subscription Management:

Farmers can:

- Subscribe to additional services anytime
- Unsubscribe from specific advisories
- Update crop and livestock preferences
- Change language preference
- Modify contact details

Benefits:

- Free SMS service (no charges to farmers)
- Timely information delivery (right information at right time)
- Personalized advisories relevant to farmer's context
- Reduces information asymmetry
- Empowers farmers with knowledge for better decision-making
- Preventive alerts reduce crop losses

4.2 Kisan Knowledge Management System (NABARD)

Service Name: Access National Bank for Agriculture and Rural Development (NABARD) - Kisaan Knowledge Management System

Service Description:

NABARD's Kisaan Knowledge Management System assists farmers with services like call center support, online forums, and access to agricultural information[20].

Key Services:

1. **Kisan Call Centre Support:**

   Integration with national Kisan Call Centre (1800-180-1551) for expert advisory.
2. **Online Knowledge Repository:**
   - Technical bulletins and publications
   - Success stories and case studies
   - Best practices documentation
   - Technology packages for various crops
3. **Farmer Forums:**
   - Discussion boards for farmer-to-farmer learning
   - Expert moderation and guidance
   - Query-response platform
4. **Credit and Financial Services Information:**
   - Agricultural loan schemes
   - Subsidy programs
   - Insurance information
   - FPO financing
5. **Training and Capacity Building:**
   - E-learning modules
   - Video tutorials
   - Webinar announcements
   - Training calendar

Access:

Visit NABARD website or login to Kisan Knowledge Management portal for accessing resources and services.

4.3 Extension Reforms Monitoring System

Service Name: Extension Reforms Monitoring System, Department of Agriculture and Farmers Welfare

Service Description:

The Extension Reforms Monitoring System (EMS) is a web-enabled online monitoring system for Monthly Progress Report (MPR) under ATMA (Agricultural Technology Management Agency) Programme. All components of this scheme are monitored for physical and financial progress[21].

Purpose:

- Track implementation of extension activities at district level
- Monitor farmer training programs and demonstrations
- Record Farmer Interest Group (FIG) formation and activities
- Ensure accountability and transparency in extension services
- Facilitate data-driven decision making for extension planning

User Access:

- State-level login: State and Password
- District-level login: State, District, and District Password
- Officials can view, enter, and monitor extension activities

Note: This is primarily an administrative monitoring system used by extension officials rather than direct farmer-facing service.

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5. Quality Certification and Seed Services

5.1 AGMARK Certification Programme

Programme Name: AGMARK Certification

Implementing Agency: Directorate of Marketing and Inspection (DMI), Ministry of Agriculture and Farmers Welfare

Overview:

AGMARK is India's premier agricultural produce quality certification mark established under the Agricultural Produce (Grading and Marking) Act, 1937. The certification ensures that agricultural commodities meet prescribed quality standards, facilitating fair trade and protecting consumer interests.

Certified Commodities:

Over **220 agricultural commodities** eligible for AGMARK certification including:

- Food grains (wheat, rice, pulses)
- Edible oils and oilseeds
- Fruits and vegetables (processed and fresh)
- Spices and condiments
- Honey and bee products
- Ghee and butter
- Cereals and cereal products

Benefits of AGMARK Certification:

- Quality assurance enhancing market value
- Consumer trust and brand recognition
- Premium pricing for certified products
- Facilitation of exports
- Protection from adulteration and inferior quality

5.2 Apply for AGMARK Certification

Service Name: Application for AGMARK Certification Programme

Process:

1. Visit DMI website or concerned Regional Office
2. Download application form for AGMARK certification
3. Fill application with:
   - Business/firm details
   - Commodity to be certified
   - Processing/packaging facility details
   - Quality control infrastructure
4. Submit application with required documents:

- Business registration certificate
- GST registration
- Manufacturing license or FSSAI license
- Sample of commodity
- Processing facility layout
5. Pay application fees
6. Inspection by DMI officers
7. Approval and license issuance (if compliant)
8. Annual renewal required

5.3 Check AGMARK Certification Application Status

Service Name: Check Application Status for Agmark Certification Programme

Service Description:

Check application status of parties for the Agmark Certification Programme. Users can check the status of new applications by selecting the application type, location of regional office where application is submitted, and year of submission. Report of renewal of applications can also be checked[22].

How to Check:

1. Visit DMI website AGMARK section
2. Click **"Check Application Status"**
3. Select:
   - Application type (New Application/Renewal)
   - Regional office location
   - Year of submission
4. Enter application reference number
5. View status (Under Review/Inspection Scheduled/Approved/Rejected/Pending Documents)

5.4 Seednet India Portal - Tenders and Quality Seeds

Service Name: Tenders in Seednet India Portal

Portal: Seednet India

Service Description:

The Seednet portal publishes tenders related to quality seeds, ensuring transparency in seed distribution and procurement. It supports farmers and seed producers by promoting access to high-yielding and disease-resistant seed varieties[23].

Portal Features:

- Tender notifications for seed procurement
- Quality seed availability information
- Seed certification details
- Breeder seed and foundation seed sources
- Seed testing laboratory information

User Access:

- Seed producers can view tender opportunities
- Farmers can find sources of certified quality seeds
- State seed corporations publish procurement plans
- Seed testing results and certification status available

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6. Crop Insurance Service

6.1 Pradhan Mantri Fasal Bima Yojana (PMFBY) Digital Service

Service Name: Pradhan Mantri Fasal Bima Yojana

Portal: https://pmfby.gov.in

Launch Date: February 18, 2016

Service Description:

This scheme provides affordable crop insurance to farmers, protecting them against losses due to natural calamities, pests, and diseases. The online portal supports quick registration and claim processing to ensure timely financial support for affected farmers[24].

Scheme Coverage:

- All food crops (cereals, millets, pulses)
- Oilseeds
- Annual commercial/horticultural crops

Insured Risks:

1. Prevented Sowing (due to deficit rainfall)
2. Standing Crop Loss (drought, flood, pests, diseases, natural fire, lightning, storm, hailstorm, cyclone)
3. Post-Harvest Losses (up to 14 days from harvesting for crops kept in field)
4. Localized Calamities (hailstorm, landslide, inundation affecting isolated farms)

Premium Rates (Farmer's Share):

Crop Season	Premium Rate
Kharif Food & Oilseeds	2.0% of Sum Insured
Rabi Food & Oilseeds	1.5% of Sum Insured
Annual Commercial/Horticultural Crops	5.0% of Sum Insured

Table 3: PMFBY farmer premium rates

Government Subsidy:

Difference between actuarial premium and farmer's premium subsidized equally by Central and State Governments (50:50 for general states, higher Central share for NE states).

Digital Services on PMFBY Portal:

1. **Farmer Registration:**
   - Visit pmfby.gov.in
   - Click **"Farmer Application"**
   - Select state, season (Kharif/Rabi)
   - Choose registration type:
     - Loanee farmer (automatic enrollment through bank)
     - Non-loanee farmer (voluntary enrollment)
   - Enter personal details, Aadhaar, bank account
   - Enter land details (survey number, area, crop)

- Calculate premium
- Pay premium online
- Receive insurance policy document via SMS/email

2. **Check Policy Status:**
   - Enter application number or Aadhaar
   - View policy details, coverage, premium paid
3. **Claim Intimation:**
   - Report crop loss within 72 hours of occurrence
   - Online grievance/claim intimation form
   - Upload photographs of damaged crop
   - Provide loss details
4. **Track Claim Status:**
   - Enter application/policy number
   - View claim processing stage
   - Check Crop Cutting Experiment (CCE) status
   - Track claim settlement and payment
5. **Insurance Company Locator:**
   - Find insurance company operating in your district
   - View contact details for queries and complaints
6. **Grievance Redressal:**
   - Register complaints online
   - Track grievance resolution
   - Toll-free helpline access

Claim Settlement Process:

1. Crop loss occurs due to insured risk
2. Farmer intimates loss within 72 hours
3. Government conducts Crop Cutting Experiments (CCEs) to assess yield
4. If actual yield < threshold yield → claim triggered
5. Claim calculated based on yield shortfall
6. Insurance company processes claim
7. Payment transferred directly to farmer's bank account

PMFBY Mobile App:

Available on Google Play Store and Apple App Store:

- Quick policy purchase

- Claim intimation with photo upload
- Status tracking
- Multilingual interface

Benefits:

- Low premium burden (2%, 1.5%, 5%)
- Comprehensive risk coverage
- Financial security against crop losses
- Enables investment in modern agricultural practices
- Quick online enrollment
- Transparent claim settlement

Helpline:

Toll-free number for PMFBY queries and assistance available on portal.

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7. Scheme-Specific Application Services

7.1 National Horticulture Board (NHB) Services

Service Name: Apply Online for Letter of Intent in Commercial Horticulture Scheme of NHB

Service Description:

Apply for Letter of Intent (LOI) in Commercial Horticulture scheme of National Horticulture Board (NHB). Beneficiaries can fill an online application form with personal details, project details, crop details, etc. Online payment option for application fees is also available. On successful submission of application and payment, the user has to take a printout of the "Application Form" and submit it to NHB along with the required documents within one month[25].

NHB Schemes Covered:

- Commercial horticulture development
- Cold storage and cold chain infrastructure
- Integrated post-harvest management projects
- Technology demonstration and transfer

- Market infrastructure development

Application Process:

1. Visit National Horticulture Board website
2. Click **"Online Application"** under relevant scheme
3. Create user account or login
4. Fill online application form:
   - Personal details (name, address, contact, Aadhaar)
   - Project details (type, location, investment)
   - Crop/commodity details
   - Infrastructure specifications (if applicable)
   - Financial projections
5. Upload required documents:
   - Land ownership/lease documents
   - Bank loan sanction letter (for credit-linked subsidy)
   - Technical feasibility report
   - Cost estimate and quotations
   - Business plan
6. Pay application fee online
7. Submit application
8. Download and print application acknowledgment
9. Submit physical application with documents to NHB Regional Office within one month
10. Track application status online using application number

Subsidy Pattern:

- Individual farmers: 35-40% of project cost
- FPOs/Groups: Higher subsidy rates
- Credit-linked back-ended subsidy
- Released after project completion verification

7.2 Coconut Development Board Schemes

Service Name: Application Forms for Various Coconut Development Board Schemes

Service Description:

Get registered with the Coconut Development Board under Ministry of Agriculture online. Firms can register online by providing details such as name, address, contact details, firm establishment date, company functions, and login details[26].

CDB Schemes:

- Distribution of quality coconut seedlings
- Replanting and rejuvenation of coconut gardens
- Integrated farming systems with coconut
- Coconut processing unit assistance
- Technology demonstration
- Market development support

Application Access:

1. Visit Coconut Development Board website (coconutboard.gov.in)
2. Navigate to **"Schemes"** section
3. Select desired scheme
4. Download application form or apply online
5. Fill application with required details
6. Submit to CDB Regional Office covering your area
7. Track application through CDB portal

7.3 State-Specific Agricultural Scheme Applications

Various State Agricultural Department Services:

Many state agriculture departments have integrated their scheme application portals with India.gov.in services listing.

Examples:

1. **Gujarat - Agriculture Schemes Application:**

   Farmers/beneficiaries of Agriculture/Horticulture/Animal Husbandry/Fisheries can apply online on state portal. Workflow-based application processing by respective nodal office.
2. **Karnataka - PM-KISAN State Portal:**

   State-specific PM-KISAN registration and application portal with additional state scheme integration.

3. **Jammu and Kashmir - Farmers Registration of Nursery/Orchards:**

   Farmers can register nurseries or orchards online, paying fees digitally for hassle-free approval.
4. **Himachal Pradesh - eUdyan Portal:**

   Integrated Horticulture Sector Management System for scheme applications, subsidy tracking, and beneficiary management.

Common Features of State Portals:

- Online scheme application submission
- Document upload facility
- Application status tracking
- Subsidy calculation tools
- Eligibility checking
- Beneficiary database management
- District-wise scheme information
- Grievance registration

Access:

Visit respective State Agriculture Department website or search " [State Name] agriculture department online services" to access state-specific portals.

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8. Digital Services Access Infrastructure

8.1 Common Service Centers (CSCs)

CSC Network:

India has over **4 lakh Common Service Centers** across rural and semi-urban areas serving as last-mile digital service delivery points.

Agricultural Services at CSCs:

- PM-KISAN registration and eKYC
- PMFBY crop insurance enrollment
- Soil Health Card application

- Land record services
- e-NAM registration
- Aadhaar-bank linking
- Document printing and scanning
- Application form filling assistance
- Scheme information and guidance

CSC Charges:

Nominal service charges (typically ₹10-50) for assisted services. Many services are free for farmers.

Locate Nearest CSC:

- Visit www.csc.gov.in
- Use **"Locate CSC"** feature
- Enter state, district, block/tehsil
- View CSC addresses, contact numbers, and available services

8.2 Mobile Connectivity and Apps

Government Agricultural Mobile Apps:

1. **Kisan Suvidha:** Weather, market prices, plant protection, dealers
2. **Pusa Krishi:** ICAR technologies, crop management practices
3. **Crop Insurance:** PMFBY application and claim tracking
4. **Kisan Sarathi:** KVK expert advisory, query submission
5. **mKisan:** SMS advisory subscription and management
6. **AGMARKNET Mobile:** Market prices on mobile
7. **e-NAM Mobile:** Online trading and auction participation
8. **State Agriculture Department Apps:** State-specific services

App Availability:

Most apps available on Google Play Store (Android) and Apple App Store (iOS) for free download.

8.3 Digital Literacy Support

Training and Capacity Building:

- Krishi Vigyan Kendras (KVKs) conduct digital literacy training for farmers
- CSC operators assist farmers with digital service access
- State agriculture departments organize awareness camps
- Farmer Producer Organizations (FPOs) facilitate collective digital adoption
- YouTube channels and video tutorials in regional languages
- Helpline support for navigating digital services

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9. Grievance Redressal and Helpline Services

9.1 Centralized Grievance Portals

CPGRAMS - Centralized Public Grievance Redressal and Monitoring System:

- Portal: https://pgportal.gov.in
- Lodge complaints related to any central government department
- Track grievance status online
- Escalation mechanism for delayed resolution
- Time-bound resolution mandated

Agriculture-Specific Grievances:

- PM-KISAN payment delays or rejections
- PMFBY claim settlement issues
- Scheme implementation problems
- Subsidy delays
- Quality of services at agriculture offices

9.2 Kisan Call Centre (KCC)

Toll-Free Helpline: 1800-180-1551

Service Hours: 6:00 AM to 10:00 PM (Most states, may vary)

Languages: 22 Indian languages

Services Provided:

- Crop cultivation guidance
- Pest and disease management advisory
- Soil health and fertilizer recommendations
- Market price information
- Government scheme information
- Weather advisory
- Animal husbandry and fisheries guidance
- Query resolution by agricultural experts

How to Use:

1. Dial 1800-180-1551 from any phone (mobile or landline)
2. Select language preference from IVRS menu
3. Choose query category
4. Speak to agricultural expert
5. Receive instant guidance
6. Call recorded for quality assurance

9.3 Scheme-Specific Helplines

Scheme/Service	Helpline
PM-KISAN	155261 / 011-24300606
PMFBY	18001801551 (Crop Insurance)
Soil Health Card	State Agriculture Department numbers
e-NAM	1800-270-0224
mKisan	State-specific numbers
Kisan Call Centre	1800-180-1551

Table 4: Scheme-specific helpline numbers

10. Data Security and Privacy

10.1 Aadhaar-Based Authentication

Aadhaar Integration Benefits:

- Unique identification preventing duplicate registrations
- Secure authentication for service access
- Elimination of fake beneficiaries
- Direct Benefit Transfer (DBT) ensuring fund reaches actual beneficiary
- Reduced corruption and leakages
- Simplified KYC process

Data Protection:

- Aadhaar data encrypted and secure
- Authentication through UIDAI without exposing Aadhaar number
- OTP-based verification for sensitive transactions
- Biometric authentication at CSCs for additional security

10.2 Consent and Data Usage

Farmer Consent:

- Explicit consent taken for Aadhaar-bank linking
- Purpose-specific data collection
- Option to update or correct information
- Transparency in data usage

Data Protection Compliance:

All digital services comply with Information Technology Act, 2000 and data protection regulations ensuring farmer data security and privacy.

11. Future Enhancements and Digital Agriculture Vision

11.1 Ongoing Digital Agriculture Initiatives

1. **AgriStack:**

   Unified farmer database integrating land records, crop data, credit history for personalized service delivery.
2. **AI and Machine Learning Integration:**

   Predictive analytics for crop yield, pest outbreak forecasting, market price prediction.
3. **Blockchain for Supply Chain:**

   Traceability from farm to consumer ensuring quality and fair pricing.
4. **IoT and Precision Agriculture:**

   Sensor-based real-time monitoring, automated irrigation, smart farming solutions.
5. **Drone-Based Services:**

   Crop health monitoring, pesticide spraying, land surveying using drones.
6. **Satellite-Based Crop Monitoring:**

   Remote sensing for area verification, crop health assessment, yield estimation.

11.2 Digital India and Agriculture

Vision:

Transform Indian agriculture into a technology-driven, sustainable, profitable sector ensuring food security, farmer prosperity, and global competitiveness through comprehensive digitalization.

Goals:

- 100% digital service delivery for agricultural schemes
- Universal digital literacy among farming community
- Real-time farm data availability for informed decision-making
- Seamless integration of all agricultural digital platforms
- Paperless, cashless, faceless service delivery
- AI-powered personalized farming advisory for every farmer

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12. Contact Information and Support

12.1 National Level

Ministry of Agriculture and Farmers Welfare

Krishi Bhawan, Dr. Rajendra Prasad Road

New Delhi - 110001, India

Website: https://agricoop.nic.in

Email: agri-cooperation@nic.in

12.2 Digital Services Portal

National Government Services Portal

Website: https://services.india.gov.in

Ministry of Electronics and Information Technology (MeitY)

12.3 Key Service Portals

Service	Portal URL
PM-KISAN	https://pmkisan.gov.in
PMFBY	https://pmfby.gov.in
Soil Health Card	https://soilhealth.dac.gov.in
AGMARKNET	https://agmarknet.gov.in
e-NAM	https://www.enam.gov.in
mKisan	https://mkisan.gov.in
Kisan Sarathi	https://www.kisansarathi.in
National Horticulture Board	https://nhb.gov.in
Coconut Development Board	http://www.coconutboard.gov.in

Table 5: Key agricultural service portals

12.4 Helplines

- **Kisan Call Centre:** 1800-180-1551
- **PM-KISAN Helpline:** 155261 / 011-24300606
- **PMFBY Helpline:** 18001801551
- **e-NAM Helpline:** 1800-270-0224

12.5 State Agriculture Departments

For state-specific services and schemes, contact respective State Agriculture Department or State Horticulture Mission:

Contact Pattern: Search "[State Name] agriculture department contact" or visit state government official website.

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13. Conclusion

The **National Government Services Portal (India.gov.in)** section dedicated to the **Ministry of Agriculture and Farmers Welfare** represents a transformative digital ecosystem that consolidates over 25 critical agricultural services into a unified, accessible platform—empowering India's 146 million farmer households with unprecedented access to income support, crop insurance, soil health management, market intelligence, expert advisory, quality certification, and scheme benefits through seamless online interfaces.

Key Achievements and Impact:

1. **Financial Inclusion and Direct Benefit Transfer:**

   PM-KISAN digital services have enabled **₹2.8+ lakh crore** direct transfer to **9.5+ crore farmers**, eliminating intermediaries, ensuring transparency, and providing timely income support that strengthens agricultural operations and household stability.

2. **Risk Mitigation Through Insurance:**

   PMFBY digital portal has insured **36+ crore farmer applications** with **₹1.5+ lakh crore claims paid**, providing comprehensive protection against crop losses and enabling farmers to invest confidently in modern agricultural practices.

3. **Soil Health and Sustainable Agriculture:**

   28+ crore Soil Health Cards distributed through digital tracking systems, enabling farmers to adopt balanced fertilization, reduce input costs by 15-20%, improve soil fertility, and enhance productivity sustainably.

4. **Market Intelligence and Price Discovery:**

   AGMARKNET and e-NAM services provide real-time price information from **3,000+ mandis**, enable online trading across **1,361 integrated mandis**, and empower farmers with market knowledge leading to **15-25% better price realization** through informed selling decisions and reduced dependency on local intermediaries.

5. **Personalized Advisory and Information:**

   mKisan platform delivers customized agricultural advisories to **5+ crore farmers** via SMS in local languages, ensuring timely information on weather, pest alerts, crop management, and government schemes—bridging the critical last-mile extension gap.

6. **Quality Assurance and Certification:**

   AGMARK certification services and Seednet portal ensure access to quality inputs and certified produce, protecting farmers from adulteration, enhancing market value, and facilitating exports.

7. **Accessible Infrastructure:**

4+ lakh Common Service Centers across rural India provide assisted digital service access to farmers with limited digital literacy, ensuring inclusive reach and eliminating digital divide barriers.

Transformative Impact:

The integrated digital services architecture delivers:

- **Transparency:** Elimination of corruption through DBT, online application tracking, and digital records
- **Efficiency:** Reduced transaction time from weeks to minutes for registrations, applications, and payments
- **Accessibility:** 24/7 service availability from anywhere via web, mobile apps, or CSCs
- **Empowerment:** Information symmetry enabling farmers to make informed production and marketing decisions
- **Inclusivity:** Multilingual interfaces, assisted services, and simple processes ensuring reach to all farmer categories
- **Accountability:** Real-time monitoring, grievance redressal, and performance tracking ensuring service quality

Way Forward:

As India advances toward **Digital Agriculture** and **Aatmanirbhar Bharat**, the continued evolution of digital services will focus on:

- **AI-powered personalized advisory** for every farmer based on real-time farm data
- **AgriStack integration** creating unified farmer database for seamless service delivery
- **Blockchain-enabled supply chains** ensuring traceability, quality, and fair pricing
- **IoT and precision agriculture** adoption through digital platforms
- **Enhanced digital literacy** programs ensuring universal access and utilization
- **Complete digitalization** of all agricultural schemes, subsidies, and services

- **Paperless, cashless, faceless** service delivery eliminating physical touchpoints

The National Government Services Portal's agricultural section exemplifies how digital technology, when purposefully designed and comprehensively implemented, can transform service delivery, empower marginalized communities, enhance economic outcomes, and accelerate national development goals. By bringing government support directly to farmers' fingertips—whether through smartphones, computers, or assisted CSC access—the portal is democratizing agricultural knowledge, opportunities, and prosperity across India's diverse farming landscape.

Empowering Farmers Through Digital Services

From Farm to Digital Platform: Ensuring Transparency, Efficiency, and Prosperity

Digital India, Digital Agriculture, Prosperous Farmers

Jai Kisan, Jai Technology, Jai Bharat!

References

[1] India.gov.in. National Government Services Portal - About. Retrieved from https://services.india.gov.in

[2] Press Information Bureau. (2024). PM-KISAN 18th Installment. Retrieved from https://www.pib.gov.in

[3] PIB. PM-KISAN Achievements and Beneficiary Coverage.

[4] India.gov.in Services Portal. (2026). Register as a New Farmer for Pradhan Mantri Kisan Samman Nidhi PM-KISAN. Retrieved from https://services.india.gov.in/service/detail/register-as-a-new-farmer-for-pradhan-mantri-kisan-samman-nidhi-pm-kisan-1

[5] India.gov.in Services Portal. Check the Status of Your Pradhan Mantri Kisan Samman Nidhi PM-KISAN Application. Retrieved from source

[6] PM-KISAN Portal. (2026). eKYC Mandatory Notice. Retrieved from https://pmkisan.gov.in

[7] India.gov.in Services Portal. Complete e-KYC for Pradhan Mantri Kisan Samman Nidhi PM-KISAN. Retrieved from source

[8] HDFC ERGO. (2024, December 22). Soil Health Card Scheme – Benefits, Eligibility, and Application. Retrieved from https://www.hdfcergo.com/blogs/health-insurance/soil-health-card-scheme

[9] National Informatics Centre. (2024, October 31). Soil Health Card Portal. Retrieved from https://www.nic.gov.in/project/soil-health-card-portal/

[10] India.gov.in Services Portal. (2026). Farmers Apply for Soil Health Card. Retrieved from https://services.india.gov.in

[11] India.gov.in Services Portal. Track - Soil Health Card Portal. Retrieved from source

[12] India.gov.in Services Portal. Locate Soil Testing Laboratory. Retrieved from source

[13] India.gov.in Services Portal. (2026). Agmarknet Portal. Retrieved from https://services.india.gov.in/service/ministry_services?ln=en&cmd_id=11&sort=created%40desc

[14] India.gov.in Services Portal. Check Agriculture Market and Commodity Wise Daily Reports. Retrieved from source

[15] India.gov.in Services Portal. Check District Wise Daily Agriculture Commodity Reports. Retrieved from source

[16] India.gov.in Services Portal. Check Market Wise Daily Reports of Specific Agriculture Commodity. Retrieved from source

[17] India.gov.in Services Portal. Check Statistical and Analytical Reports on Agriculture Commodity Prices. Retrieved from source

[18] India.gov.in Services Portal. (2026). National Agriculture Marketing Portal. Retrieved from https://services.india.gov.in

[19] India.gov.in Services Portal. (2026). mKisan SMS Portal for Farmers. Retrieved from https://services.india.gov.in/service/ministry_services?cmd_id=11&ln=en

[20] India.gov.in Services Portal. (2026). Access National Bank for Agriculture and Rural Development (NABARD). Retrieved from https://services.india.gov.in/service/detail/access-national-bank-for-agriculture-and-rural-development-nabard

[21] India.gov.in Services Portal. Extension Reforms Monitoring System, Department of Agriculture and Farmers Welfare. Retrieved from source

[22] India.gov.in Services Portal. Check Application Status for Agmark Certification Programme. Retrieved from source

[23] India.gov.in Services Portal. (2026). Tenders in Seednet India Portal. Retrieved from https://services.india.gov.in

[24] India.gov.in Services Portal. (2026). Pradhan Mantri Fasal Bima Yojana. Retrieved from https://services.india.gov.in/service/listing?cat_id=12&ln=en

[25] India.gov.in Services Portal. (2026). Apply Online for Letter of Intent in Commercial Horticulture Scheme of NHB. Retrieved from https://services.india.gov.in/service/ministry_services?cmd_id=11&ln=en

[26] India.gov.in Services Portal. Application Forms for Various Coconut Development Board Schemes. Retrieved from source

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Usage: This comprehensive guide is prepared for educational and informational purposes to assist farmers, agricultural extension workers, CSC operators, rural development practitioners, students, researchers, and stakeholders in understanding and effectively utilizing India's digital agricultural service ecosystem for enhancing farm productivity, incomes, and welfare through technology-enabled transparent, efficient, and accessible government service delivery.

Digital Services for Agricultural Transformation

Empowering Every Farmer Through Technology

From Fields to Digital Platforms: Connecting Farmers with Opportunities