DPAR (e-Governance)

Karnataka

Farmers' Database

FRUITS

(**F**armer **R**egistration and **U**nified beneficiary **I**nforma**T**ion **S**ystem)

URL – www.fruits.karnataka.gov.in

Need for Farmer Data Base

- Various Departments Provide benefits/ assistance to the farmers
  - Revenue : Crop loss payment (NDRF/ SDRF)
  - Agriculture : Crop Insurance, various schemes
  - Horticulture : Crop Insurance, Various schemes
  - Sericulture : Various Schemes, Support Price
  - Rural Development and Panchayath Raj : MGNREGS
  - Animal Husbandry : Various Schemes, Milk subsidy

(Contd…)

Need for Farmer Data Base (Contd…)

- Social Welfare and BCM: Digging of Bore wells
- Co-operation : MSP, Crop loan – Interest subsidy
- Food and Civil Supply: MSP (food crops)

- **Departments provide these services in manual fashion Or have disconnected IT systems.**
- **No common data base of farmers and benefits availed by them**

Challenges - Absence of Farmer Data Base

- Farmers need to submit documents again and again to avail benefit(s).
  - Official need to verify the documents each time.
    - No support to authenticate electronically.
- Even unscrupulous people can avail benefit.
  - By providing fake and fudged documents.
  - Impersonation.
  - Providing partial land details to avail SF/MF benefits.
  - Availing benefit beyond upper limit - individual/Family limit.

Challenges - Absence of Farmer Data Base (contd..)

- Government doesn't have complete view of farmers
  - Examples:
    - Crop grown v/s seeds obtained on subsidy.
    - Fertiliser purchased v/s crops grown and their extent.
    - Support/assistance from different departments for same units?
    - Benefits on **same land** multiple times and from multiple departments?
    - Seeds for Crop A - Crop Insurance for crop B - MSP for Crop C?
    - Crop loan for crop A - Crop Insurance for Crop B?

Challenges - Absence of Farmer Data Base (contd..)

- Positive convergence – within/ across the departments?
  - SW/ BCM departments providing bore wells,
  - RDPR and Horticulture providing Area expansion under MGNREGS and other schemes,
  - Horticulture & Agriculture departments providing Micro irrigation,
  - Post harvest and marketing facility by line departments

Improved impact of scheme implementation

Challenges - Absence of Farmer Data Base (Contd)

- Isolated data bases - Government failing in connecting farmers to
  - Bulk purchaser
  - Input suppliers
    - Finance – Banks/ FIs
    - Seeds
    - Pesticides
    - Fertilizers
    - Tools and equipment's

India needs to have unique ID based unified farmer data base with relevant attributes

Creation of Farmer database

A unified portal called FRUITS - Farmer Registration & Unified beneficiary InformaTion System is in place in Karnataka

- *Developed through the NIC Karnataka*

The FRUITS

- The **FRUITS** has the following details
  - **Personal details**
    - Aadhaar name & Number – Sec. 7 notification in place
    - Mobile number
    - Gender,
    - Caste, minority status
    - Physical ability details,
    - Ration card/ Family ID number

The FRUITS

- **Land details**
  - Land parcels' survey number and extent as per Bhoomi –land record data base
- **Crop details**
  - Crop grown details from Crop Survey data base
- **Benefits availed –**
  - Attributed to farmer
  - Attributed to land

Features of FRUITS

- Farmer centric database
  - Farmers with and without Land are registered
- FRUITS is linked to departments IT systems and provides details
  - “HASIRU” – Horticulture dept.,
  - “K-KISAN” – Agriculture dept.,
  - “Pashu-Bhagya” – AH & VS dept.,
  - “MSP” – Food & Civil Supply dept., Cooperation dept., KMF

Features of FRUITS (Contd…)

- All scheme payment to farmers routed through FRUITS
  - Connects to DBT - State Financial Management System (Treasury/ bank) for payment.
- Hence benefit details get recorded in FRUITS.
- Therefore, it is now an **inventory of farmers, land and benefits extended** to them.

Strategy adopted for creation of Farmers' data in FRUITS

- Farmer ID (FID) is made mandatory for availing benefits
- All Departments providing benefits to farmers were directed to register farmers in FRUITS.
  - Registration done before granting any benefit
- Self Registration in place
- Use of CSC centres for registration
- NGOs allowed to take up registration

How the data in FRUITS is up-to-date?

- Electronic Synchronisation with BHOOMI
  - change in ownership of land captured.
- Facility for farmers to update personal details
  - Mobile,
  - Change in Aadhaar Name,
  - Address,
  - Bank details…..
- Facility for registering authorities to update Addition and Deletion of Land details.

Benefits to Stakeholders - Farmer

One-time registration for lifetime

- self registration
- updation requests by farmers

Facility to apply online for schemes of various department.

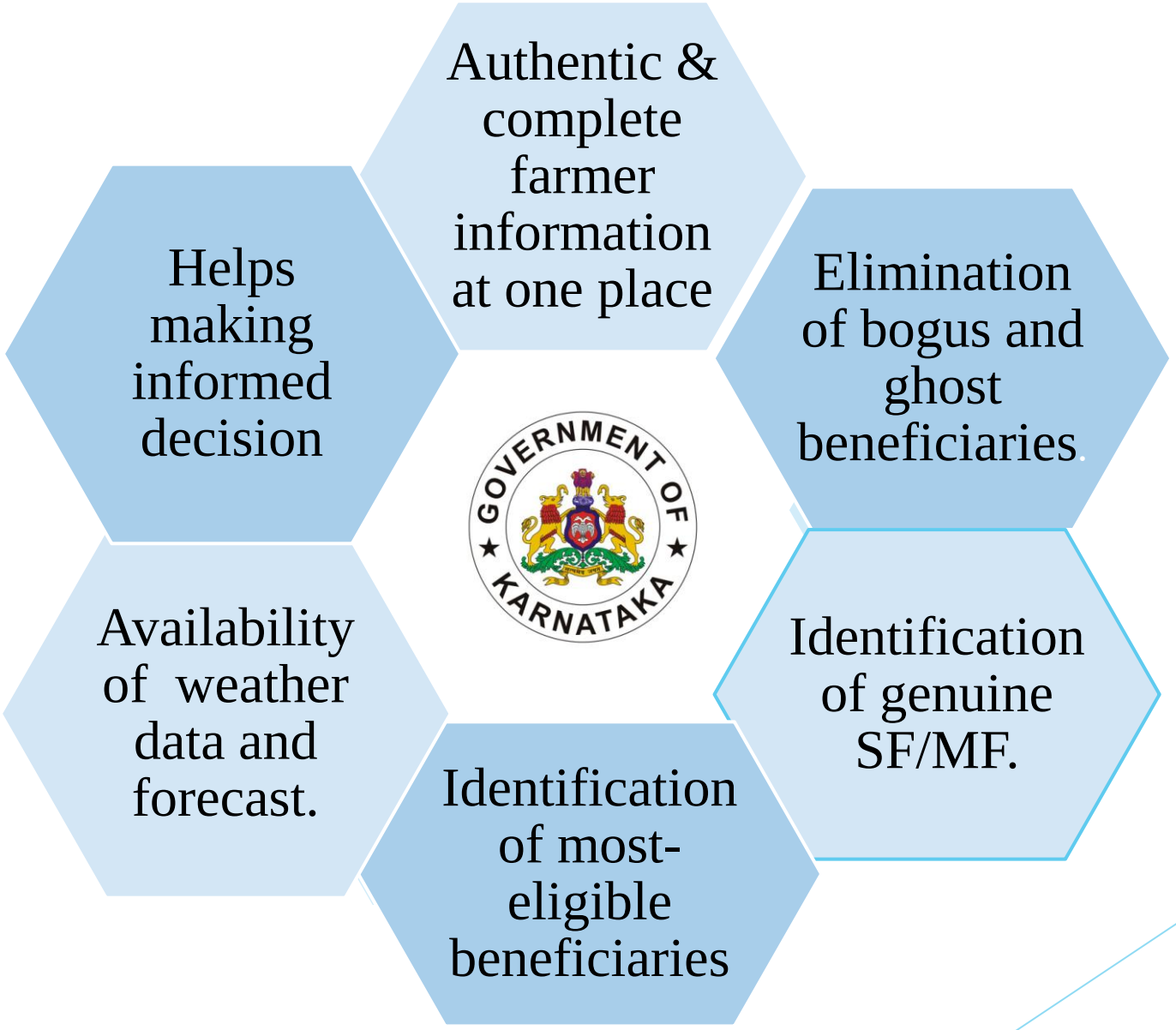
Crops details as per crop survey available.

Access to the Weather Data and forecast

Check the status of

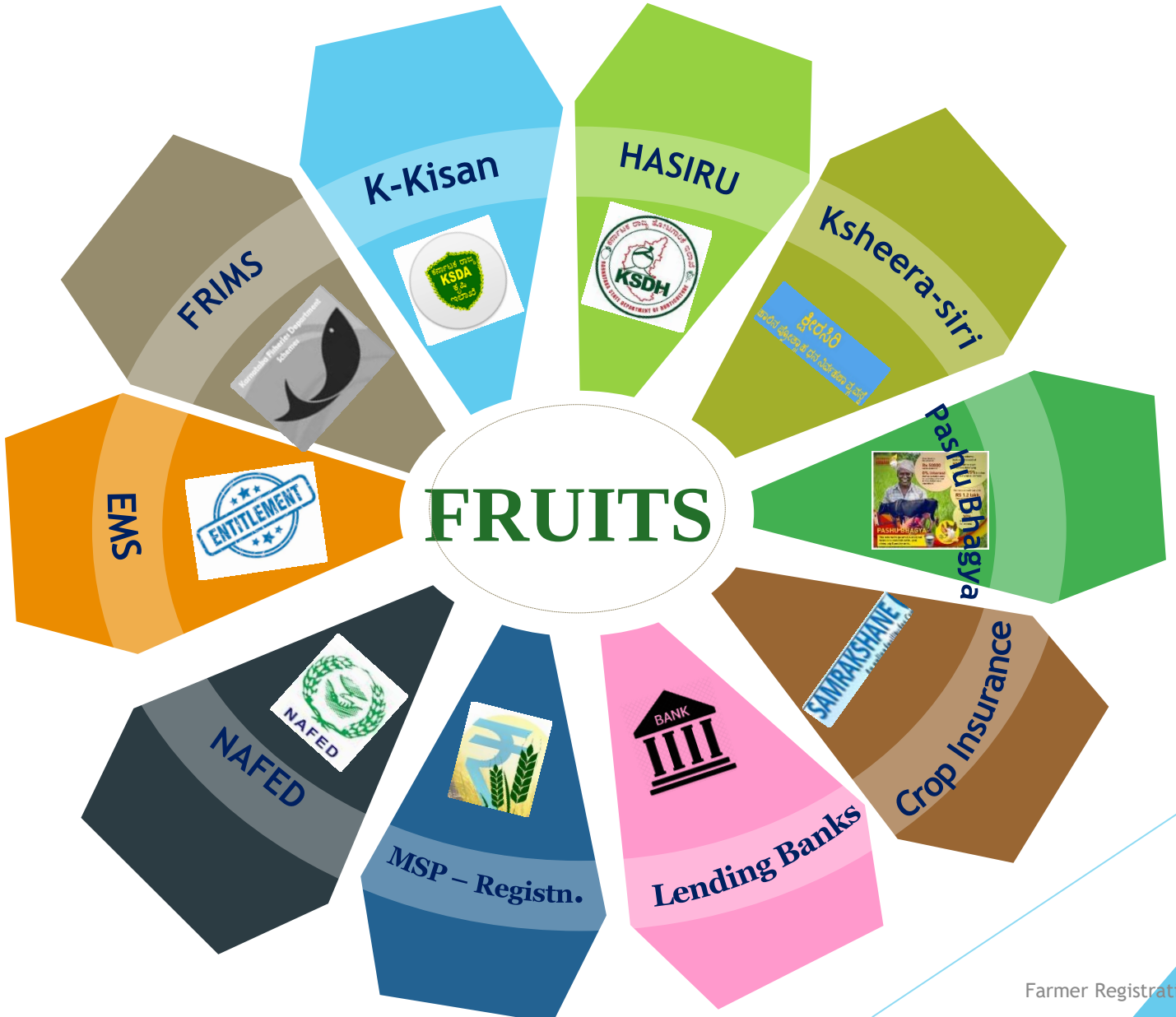
- Aadhaar Demo authentication
- Seeding of Account to Aadhaar(NPCI)
- Benefit availed under various Departments

Benefits to Stakeholders - Government



FRUITS - Electronic Integrations - Data Providers

FRUITS - Electronic Integrations – User Applications



Ensuring Data Authenticity

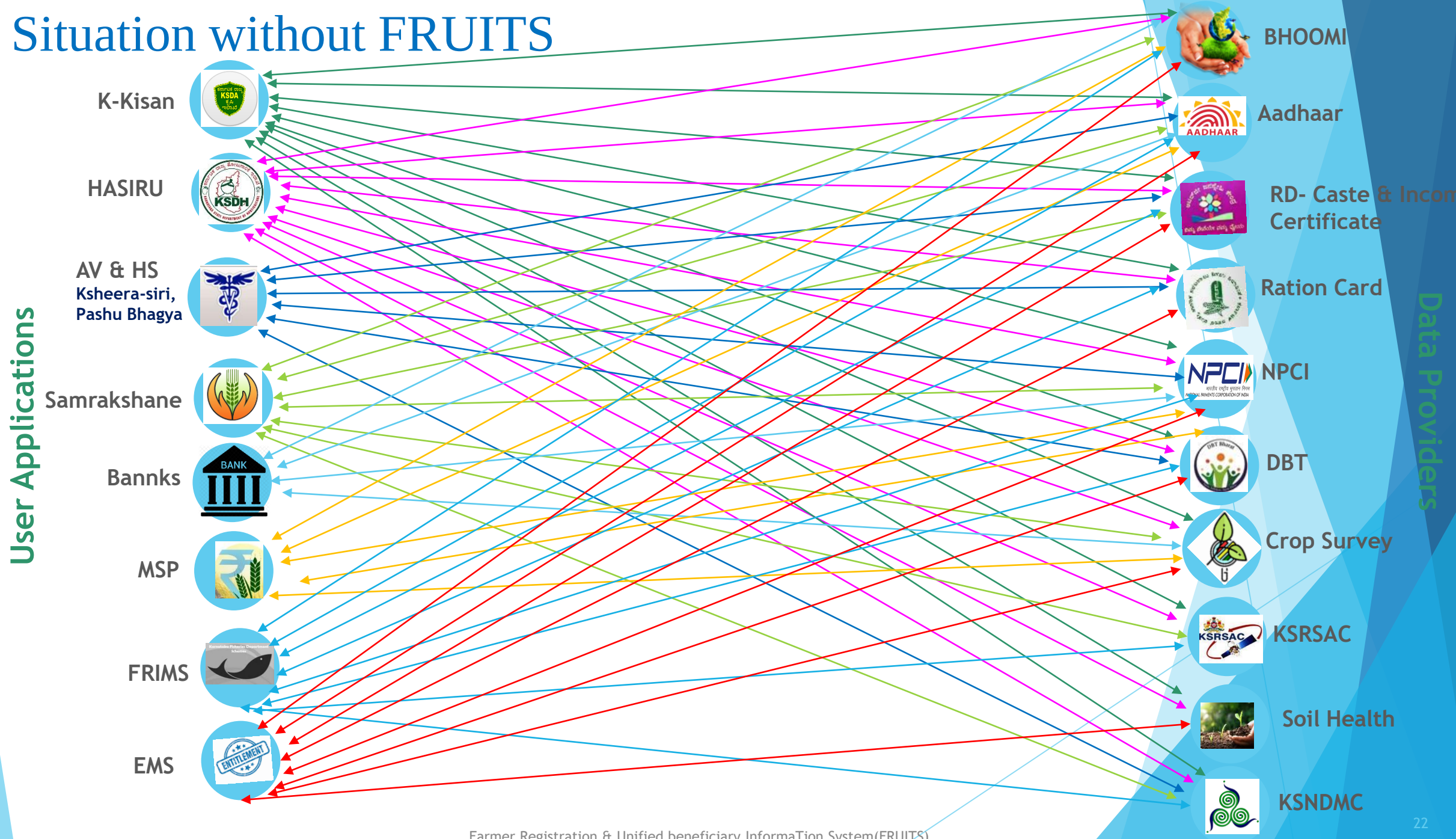
- **Data authenticity is ensured through following electronic integrations:**
  - **UIDAI** (AADHAAR)
    - **(Demo Auth. | AADHAAR encrypted | Name captured as in AADHAAR)**
  - **NPCI (Payment Gateway)**
    - **(Aadhaar seeding with Bank account| payment status after DBT)**
  - **BHOOMI (Land Records)**
    - **(Ownership | Extent | Name comparison tool)**
  - **AJSK (Caste & SF/MF Certificates)**

    (Electronically issued certificates)

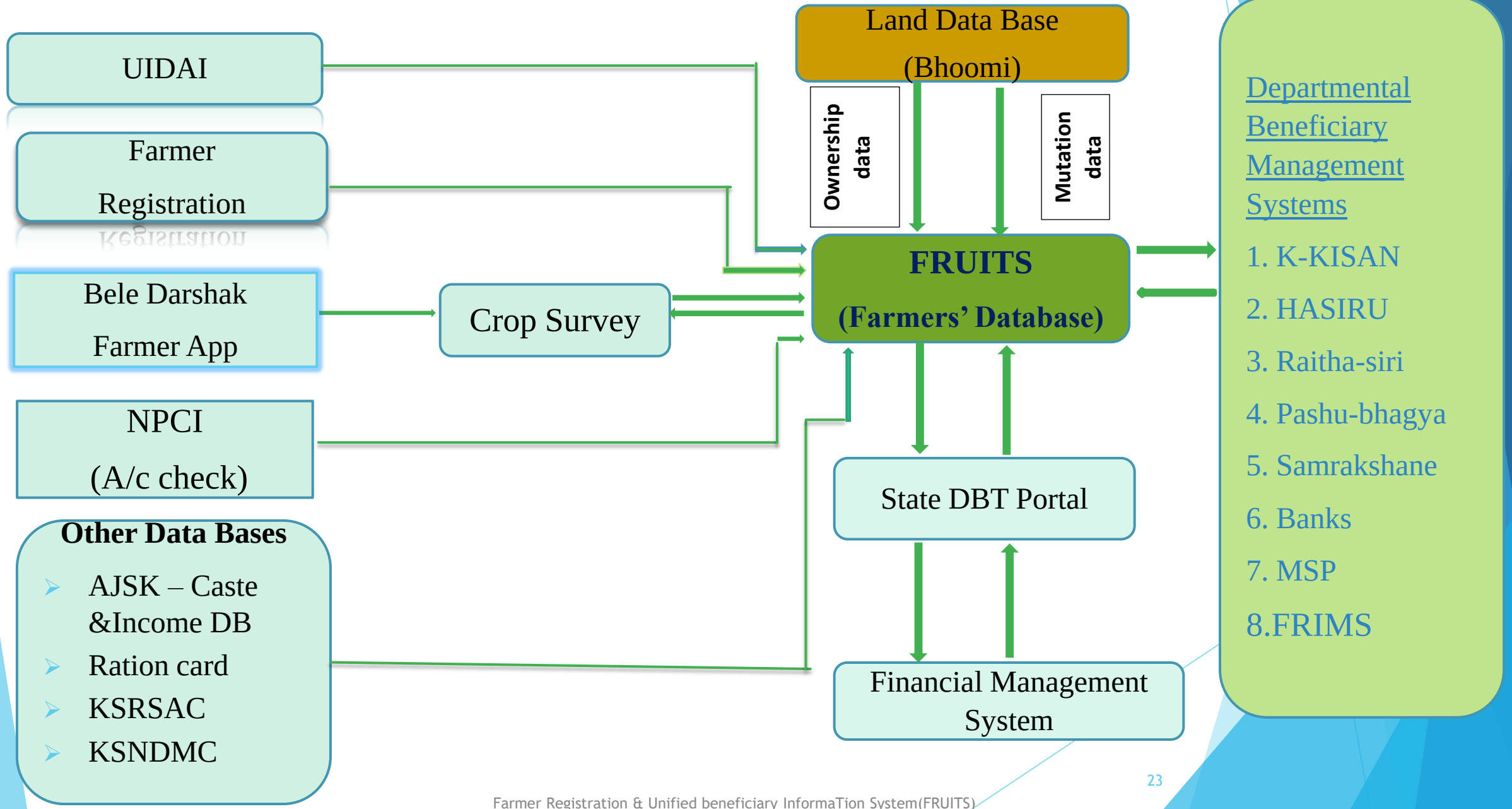
Ensuring Data Authenticity (Contd…)

- **PDS (Ration Card data)**
  - (Family details | Farmer photo capture)
- **KSNDMC (Weather Data)**
  - (Weather data (Temp, Rainfall, RH, WS)| Forecast for next 72 Hrs)
- **Crop Survey**
  - (Crops grown details)
- **Soil Health Card**
  - (Soil Health status – integrated with GoI)

Situation without FRUITS

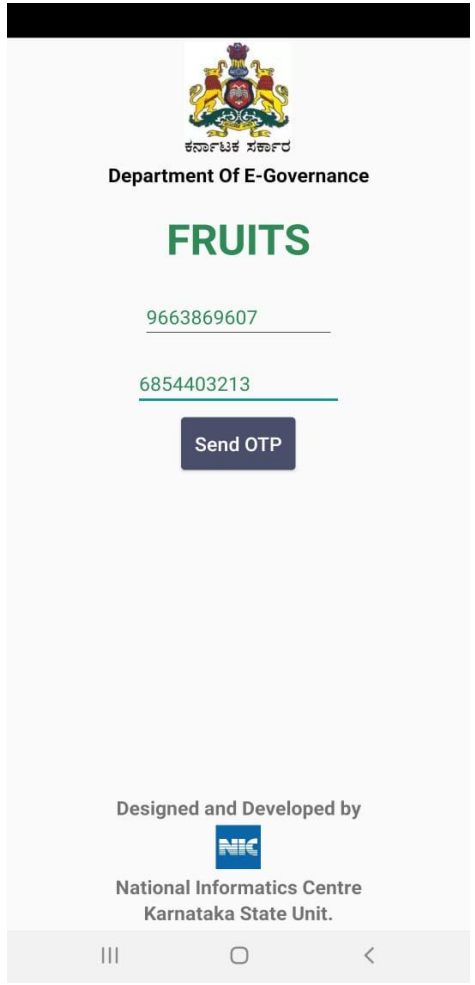


Situation with FRUITS

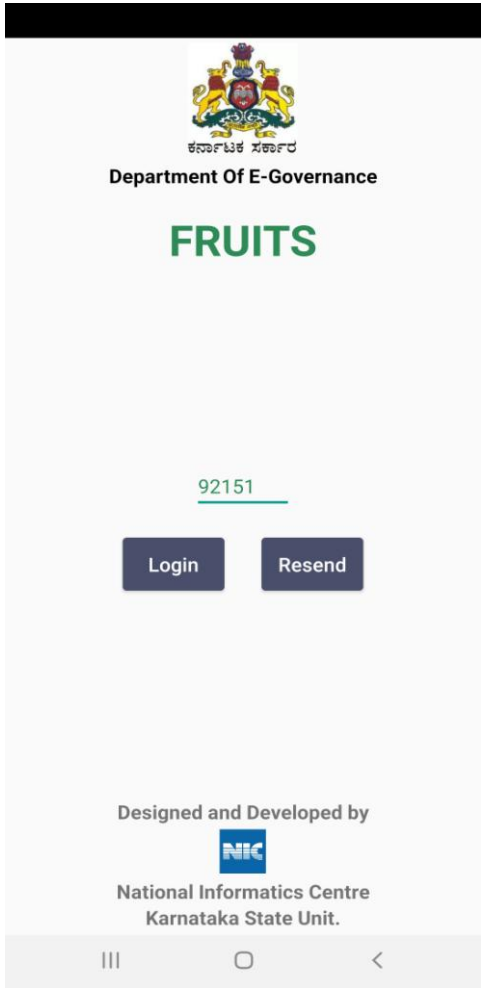


FRUITS- Mobile App

Login Screen

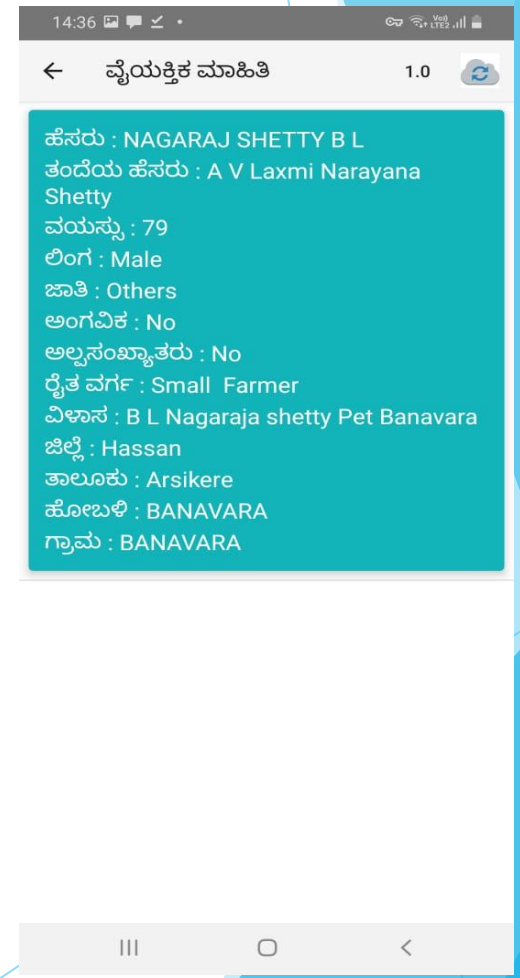


OTP Verification



Home Screen

Personal Details



FRUITS- Mobile App (Contd..)

Payment Details

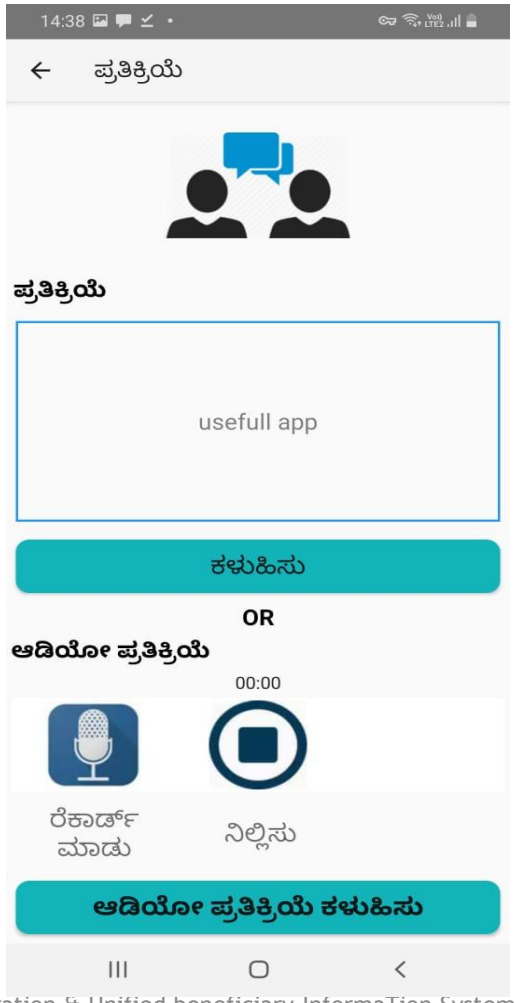
Land Details

Current Crop Details

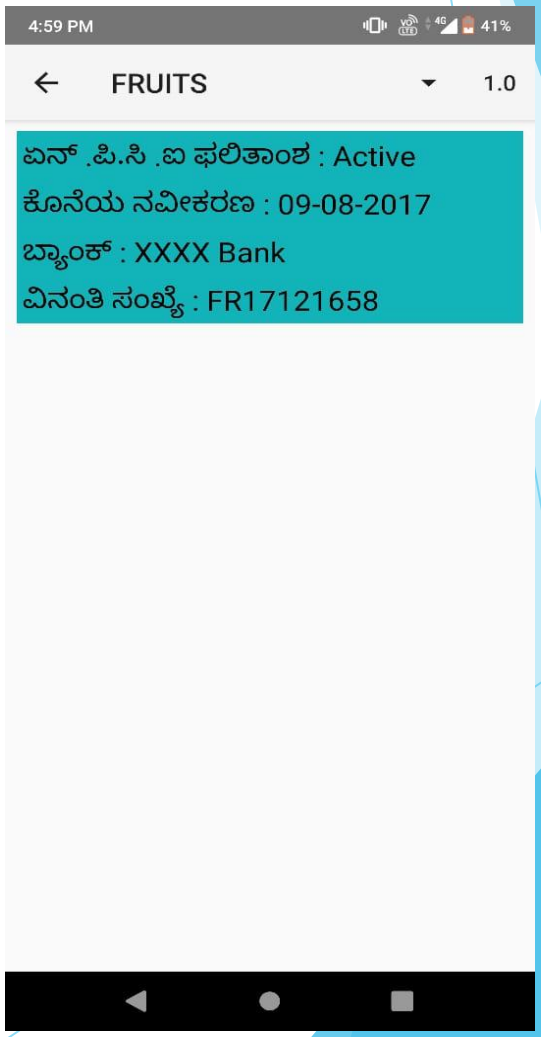
FRUITS- Mobile App (Contd..)

Weather Data/Forecast

Griviance Screen



NPCI Data Seeding



Use of

FRUITS

in

Agriculture Lending

Agriculture Lending – use of IT systems

- No common data base or unified IT system for sanctioning/ disbursement of loan across banks.
  - Each commercial bank and cooperative banks use their own IT system.
- In most cooperative FI like PACS - No IT system at all.
- Not enough IT enabled checks to detect farmers availing multiple loans
  - On same land
  - In different banks and / or
  - Different branches.

Agriculture Lending – use of IT systems (contd..)

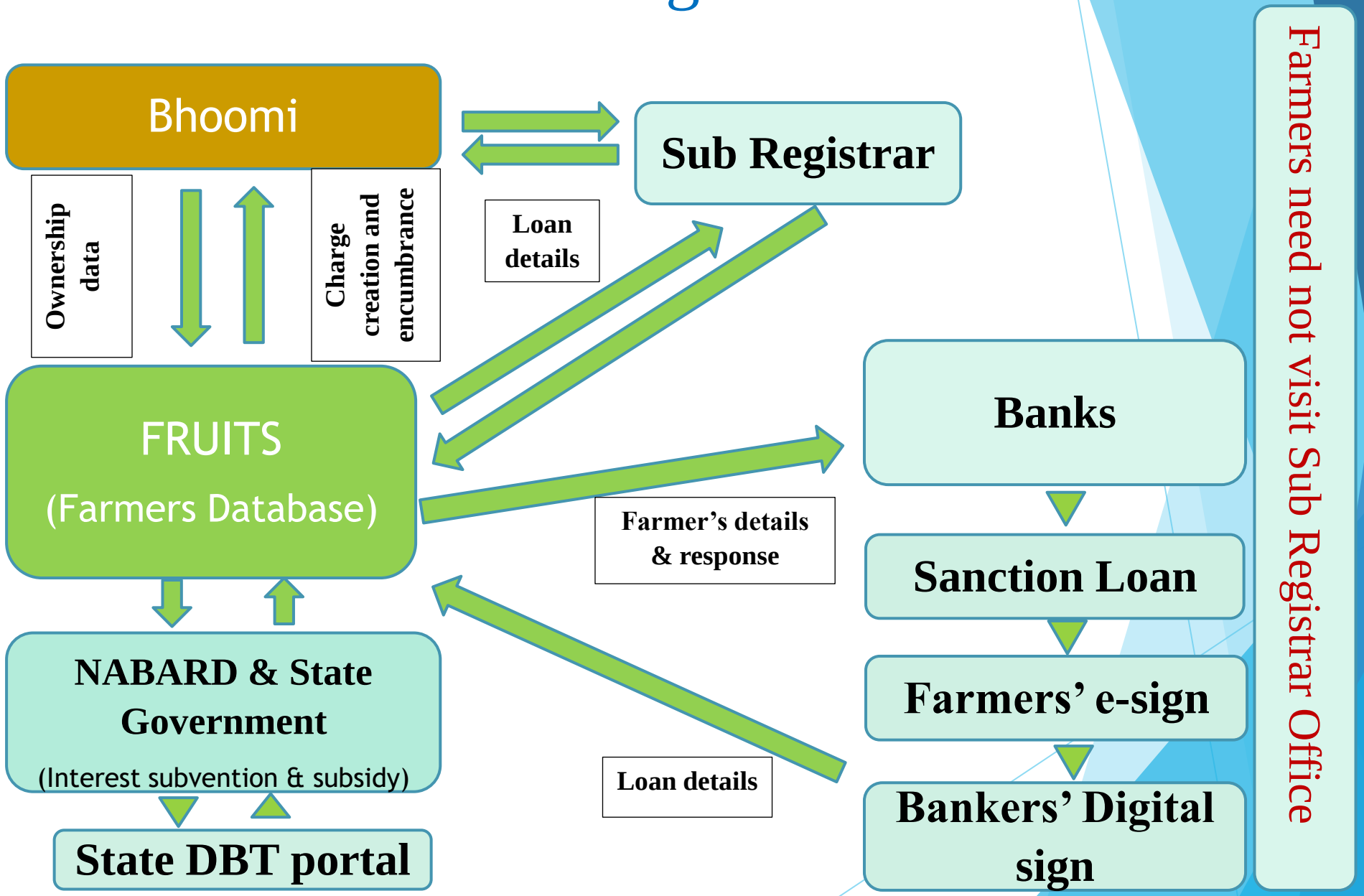
- Possibility of **interest subvention** and **interest subsidy** being availed multiple time.
- When loans are waived - **Waiving off of loans** of a person in multiple banks/ branches - Loss to the exchequer.
- Requirement of **de-duplication** of beneficiaries within and across the banks.

Agriculture Lending – use of IT systems (contd..)

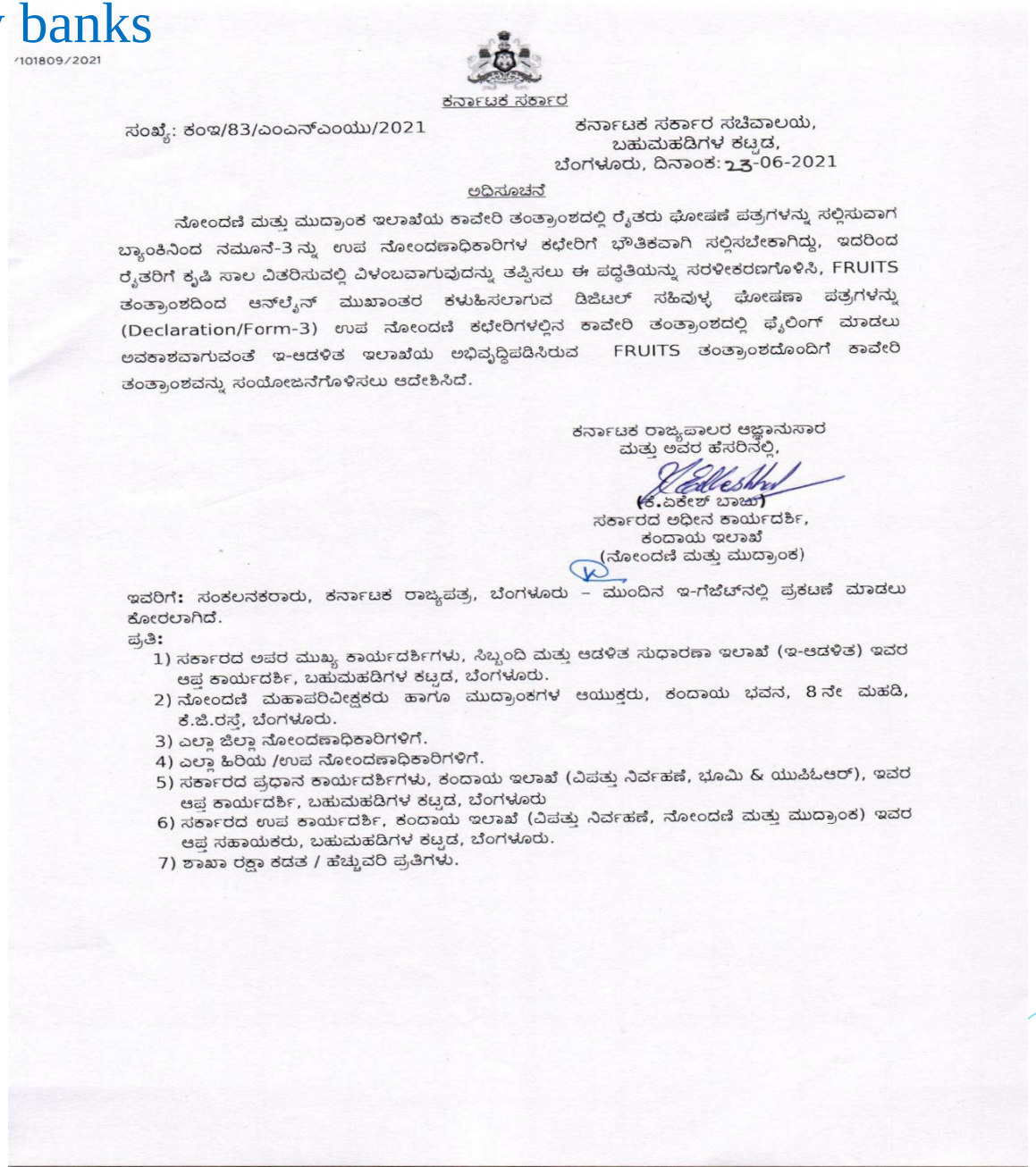
- **RBI** has also advised to **seed the loan details in RoR** and de-duplicate the agriculture loan

- The "FRUITS" acts as common data base of agriculture loans and helps
  - Banks,
  - Government and
  - Farmers

Data Flow in FRUITS- Banks integration



GO from Revenue Department to integrate FRUITS with KAVERI for registration of agriculture lending by banks



101809/2021

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಸಂಖ್ಯೆ: ಕಂಇ/83/ಎಂಎನ್‌ಎಂಯು/2021

ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಸಚಿವಾಲಯ,
ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ,
ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 23-06-2021

ಅಧಿಸೂಚನೆ

ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ ಇಲಾಖೆಯ ಕಾವೇರಿ ತಂತ್ರಾಂಶದಲ್ಲಿ ರೈತರು ಘೋಷಣೆ ಪತ್ರಗಳನ್ನು ಸಲ್ಲಿಸುವಾಗ ಬ್ಯಾಂಕಿನಿಂದ ನಮೂನೆ-3 ನ್ನು ಉಪ ನೋಂದಣಾಧಿಕಾರಿಗಳ ಕಛೇರಿಗೆ ಭೌತಿಕವಾಗಿ ಸಲ್ಲಿಸಬೇಕಾಗಿದ್ದು, ಇದರಿಂದ ರೈತರಿಗೆ ಕೃಷಿ ಸಾಲ ವಿತರಿಸುವಲ್ಲಿ ವಿಳಂಬವಾಗುವುದನ್ನು ತಪ್ಪಿಸಲು ಈ ಪದ್ಧತಿಯನ್ನು ಸರಳೀಕರಣಗೊಳಿಸಿ, FRUITS ತಂತ್ರಾಂಶದಿಂದ ಆನ್‌ಲೈನ್ ಮುಖಾಂತರ ಕಳುಹಿಸಲಾಗುವ ಡಿಜಿಟಲ್ ಸಹಿವುಳ್ಳ ಘೋಷಣಾ ಪತ್ರಗಳನ್ನು (Declaration/Form-3) ಉಪ ನೋಂದಣಿ ಕಛೇರಿಗಳಲ್ಲಿನ ಕಾವೇರಿ ತಂತ್ರಾಂಶದಲ್ಲಿ ಫೈಲಿಂಗ್ ಮಾಡಲು ಅವಕಾಶವಾಗುವಂತೆ ಇ-ಆಡಳಿತ ಇಲಾಖೆಯ ಅಭಿವೃದ್ಧಿಪಡಿಸಿರುವ FRUITS ತಂತ್ರಾಂಶದೊಂದಿಗೆ ಕಾವೇರಿ ತಂತ್ರಾಂಶವನ್ನು ಸಂಯೋಜನೆಗೊಳಿಸಲು ಆದೇಶಿಸಿದೆ.

ಕರ್ನಾಟಕ ರಾಜ್ಯಪಾಲರ ಆಜ್ಞಾನುಸಾರ
ಮತ್ತು ಅವರ ಹೆಸರಿನಲ್ಲಿ,

(ಕೆ.ಏಕೇಶ್ ಬಾಜು)
ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ,
ಕಂದಾಯ ಇಲಾಖೆ
(ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ)

ಇವರಿಗೆ: ಸಂಕಲನಕಾರರು, ಕರ್ನಾಟಕ ರಾಜ್ಯಪತ್ರ, ಬೆಂಗಳೂರು – ಮುಂದಿನ ಇ-ಗೆಜೆಟ್‌ನಲ್ಲಿ ಪ್ರಕಟಣೆ ಮಾಡಲು ಕೋರಲಾಗಿದೆ.

ಪ್ರತಿ:

1) ಸರ್ಕಾರದ ಅಪರ ಮುಖ್ಯ ಕಾರ್ಯದರ್ಶಿಗಳು, ಸಿಬ್ಬಂದಿ ಮತ್ತು ಆಡಳಿತ ಸುಧಾರಣಾ ಇಲಾಖೆ (ಇ-ಆಡಳಿತ) ಇವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ, ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು.
2) ನೋಂದಣಿ ಮಹಾಪರಿವೀಕ್ಷಕರು ಹಾಗೂ ಮುದ್ರಾಂಕಗಳ ಆಯುಕ್ತರು, ಕಂದಾಯ ಭವನ, 8 ನೇ ಮಹಡಿ, ಕೆ.ಜಿ.ರಸ್ತೆ, ಬೆಂಗಳೂರು.
3) ಎಲ್ಲಾ ಜಿಲ್ಲಾ ನೋಂದಣಾಧಿಕಾರಿಗಳಿಗೆ.
4) ಎಲ್ಲಾ ಹಿರಿಯ /ಉಪ ನೋಂದಣಾಧಿಕಾರಿಗಳಿಗೆ.
5) ಸರ್ಕಾರದ ಪ್ರಧಾನ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕಂದಾಯ ಇಲಾಖೆ (ವಿಪತ್ತು ನಿರ್ವಹಣೆ, ಭೂಮಿ & ಯುಪಿಓಆರ್), ಇವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿ, ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು
6) ಸರ್ಕಾರದ ಉಪ ಕಾರ್ಯದರ್ಶಿ, ಕಂದಾಯ ಇಲಾಖೆ (ವಿಪತ್ತು ನಿರ್ವಹಣೆ, ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ) ಇವರ ಆಪ್ತ ಸಹಾಯಕರು, ಬಹುಮಹಡಿಗಳ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು.
7) ಶಾಖಾ ರಕ್ಷಾ ಕಡತ / ಹೆಚ್ಚುವರಿ ಪ್ರತಿಗಳು.

Letter from DFS on 19.07.2021

F.No. 19/11/2021-RRB
Ministry of Finance
Department of Financial Services

Jeevan Deep Building, Parliament Street
New Delhi, 19 July, 2021

To:

1. MDs and CEOs of all PSBs.
2. Chairman, NABARD.

Subject: Implementation of Farmers Registration and Unified Beneficiary InformaTion System (FRUITS) in the state of Karnataka- regarding.

Sir,

The Internal Working Group set up in RBI has, *inter alia*, made the following recommendations relating to 'Digitalization of Land Records' in the states:

(i) GoI should push state governments to complete the digitisation process and updation of land records in a time bound manner.

(ii) State governments should give access to banks to digitized land records in order to verify land title and create charge online. In such states, banks may use the Records of Rights available on the portal of the concerned state governments.

2. In this connection, Department of Land Resources (DoLR), Government of India, have requested the States to link land record database with banks and financial institutions so that any loan or charges created against any parcel of land is reflected in the land records on real time basis or at the shortest span of time.

3. Recognising the importance of a Farmers' data base and evolution of an integrated agriculture ecosystem in the State, the Government of Karnataka has developed a web-based application called FRUITS IT system for registering the crops loans and creating a charge while undertaking agriculture lending by banks. The FRUITS portal was launched by the State Govt. of Karnataka in December 2020 and is being implemented on pilot basis the Bengaluru circle of Canara Bank.

4. In view of the above, to facilitate ease of carrying out agriculture lending by banks, the FRUITS portal may be utilised for rolling out across bank branches in Karnataka, after the successful implementation of this portal in the ongoing pilot project with Canara bank branches.

Yours Faithfully

(A.K.Das)
Deputy Secretary
Tel : (011) 23748736

Copy to:

1. Additional Chief Secretary, Government of Karnataka
2. Secretary, Department of Land Resources (DoLR)
3. SLBC, Karnataka
4. CEO, NPCI

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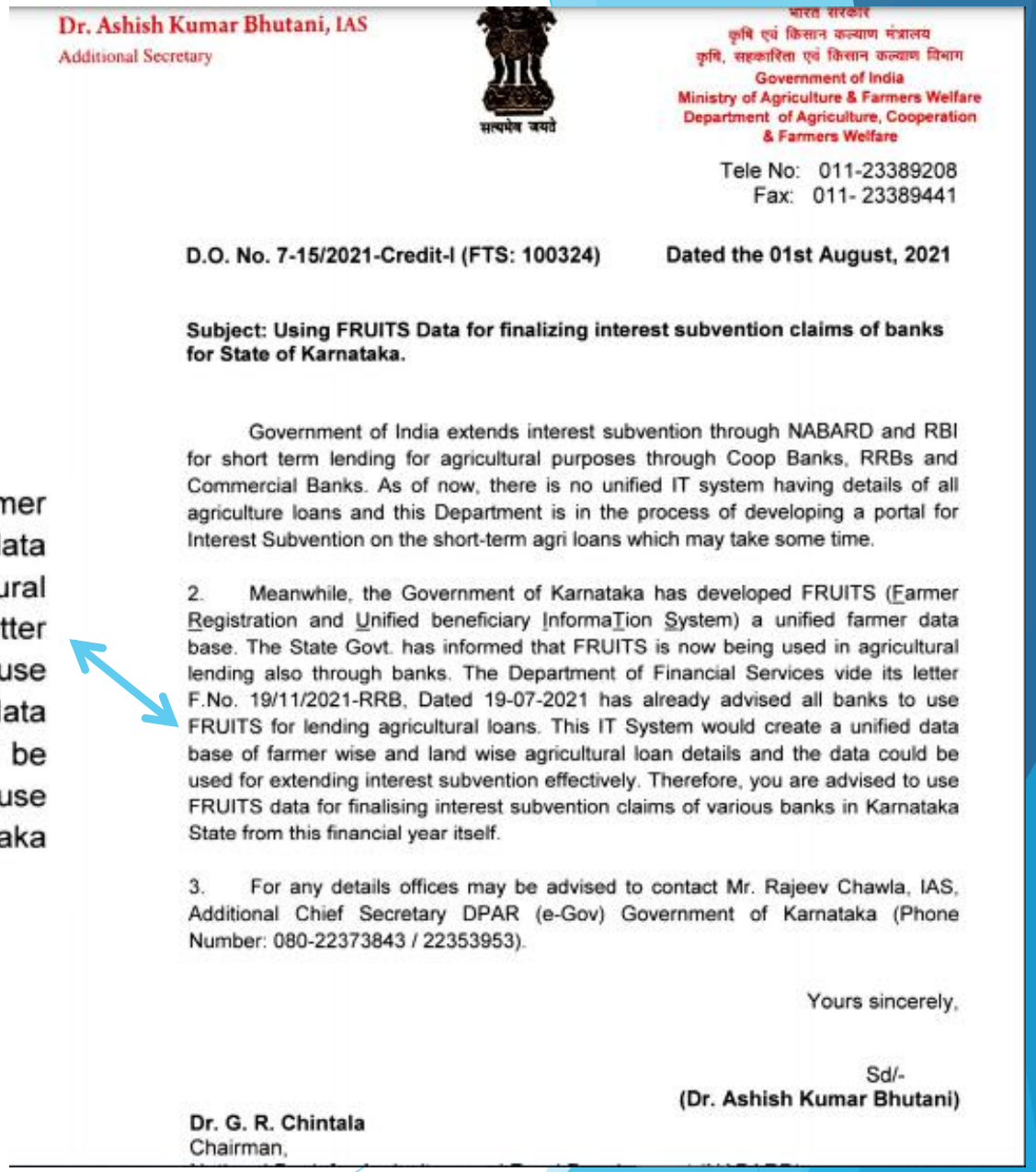
Copy to:

Letter from DAC & FW GoI to NABARD

2. Meanwhile, the Government of Karnataka has developed FRUITS (Farmer Registration and Unified beneficiary InformaTion System) a unified farmer data base. The State Govt. has informed that FRUITS is now being used in agricultural lending also through banks. The Department of Financial Services vide its letter F.No. 19/11/2021-RRB, Dated 19-07-2021 has already advised all banks to use FRUITS for lending agricultural loans. This IT System would create a unified data base of farmer wise and land wise agricultural loan details and the data could be used for extending interest subvention effectively. Therefore, you are advised to use FRUITS data for finalising interest subvention claims of various banks in Karnataka State from this financial year itself.



Dr. Ashish Kumar Bhutani, IAS
Additional Secretary

सत्यमेव जयते

भारत सरकार
कृषि एवं किसान कल्याण मंत्रालय
कृषि, सहकारिता एवं किसान कल्याण विभाग
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation & Farmers Welfare

Tele No: 011-23389208
Fax: 011- 23389441

D.O. No. 7-15/2021-Credit-I (FTS: 100324) **Dated the 01st August, 2021**

Subject: Using FRUITS Data for finalizing interest subvention claims of banks for State of Karnataka.

Government of India extends interest subvention through NABARD and RBI for short term lending for agricultural purposes through Coop Banks, RRBs and Commercial Banks. As of now, there is no unified IT system having details of all agriculture loans and this Department is in the process of developing a portal for Interest Subvention on the short-term agri loans which may take some time.

2. Meanwhile, the Government of Karnataka has developed FRUITS (Farmer Registration and Unified beneficiary InformaTion System) a unified farmer data base. The State Govt. has informed that FRUITS is now being used in agricultural lending also through banks. The Department of Financial Services vide its letter F.No. 19/11/2021-RRB, Dated 19-07-2021 has already advised all banks to use FRUITS for lending agricultural loans. This IT System would create a unified data base of farmer wise and land wise agricultural loan details and the data could be used for extending interest subvention effectively. Therefore, you are advised to use FRUITS data for finalising interest subvention claims of various banks in Karnataka State from this financial year itself.

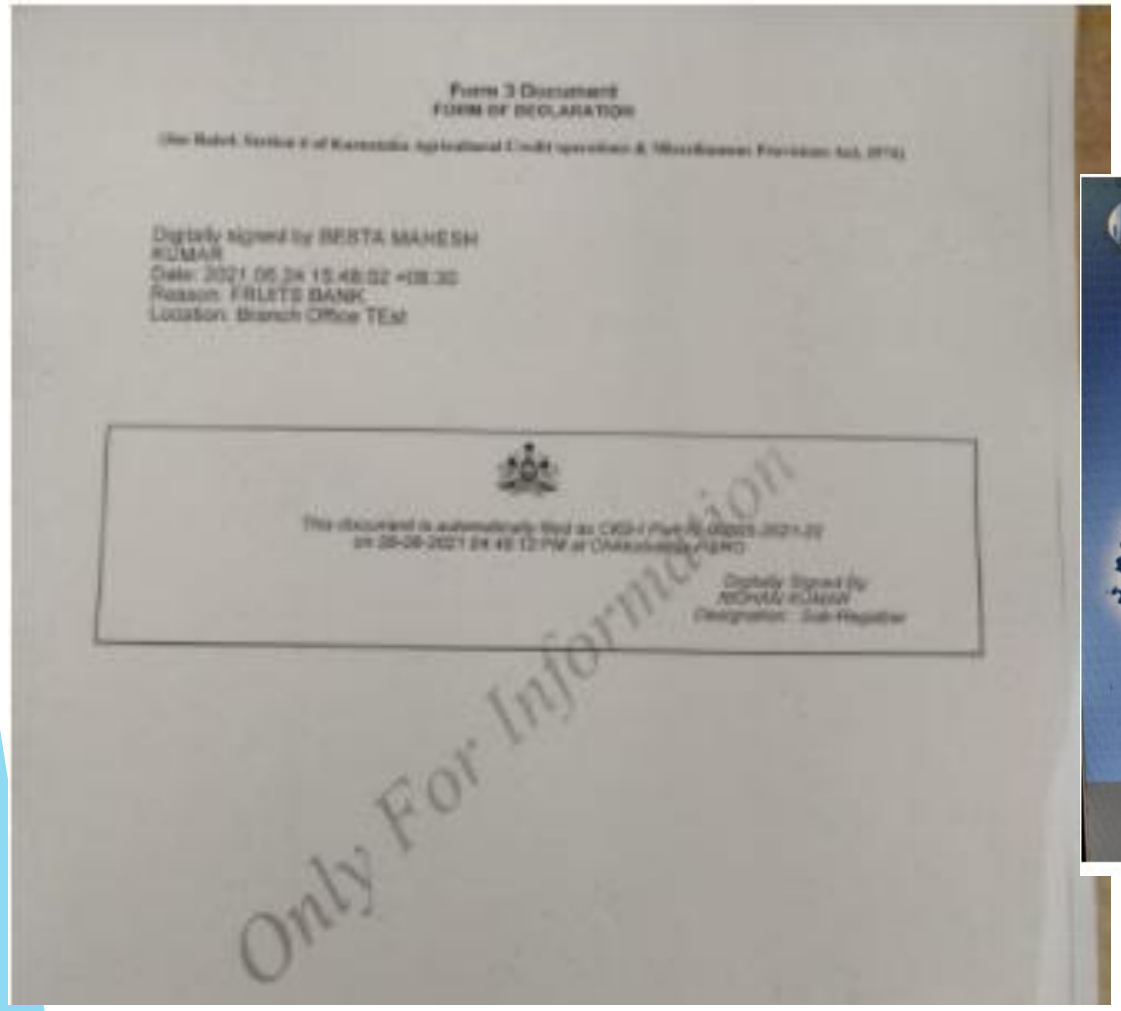
3. For any details offices may be advised to contact Mr. Rajeev Chawla, IAS, Additional Chief Secretary DPAR (e-Gov) Government of Karnataka (Phone Number: 080-22373843 / 22353953).

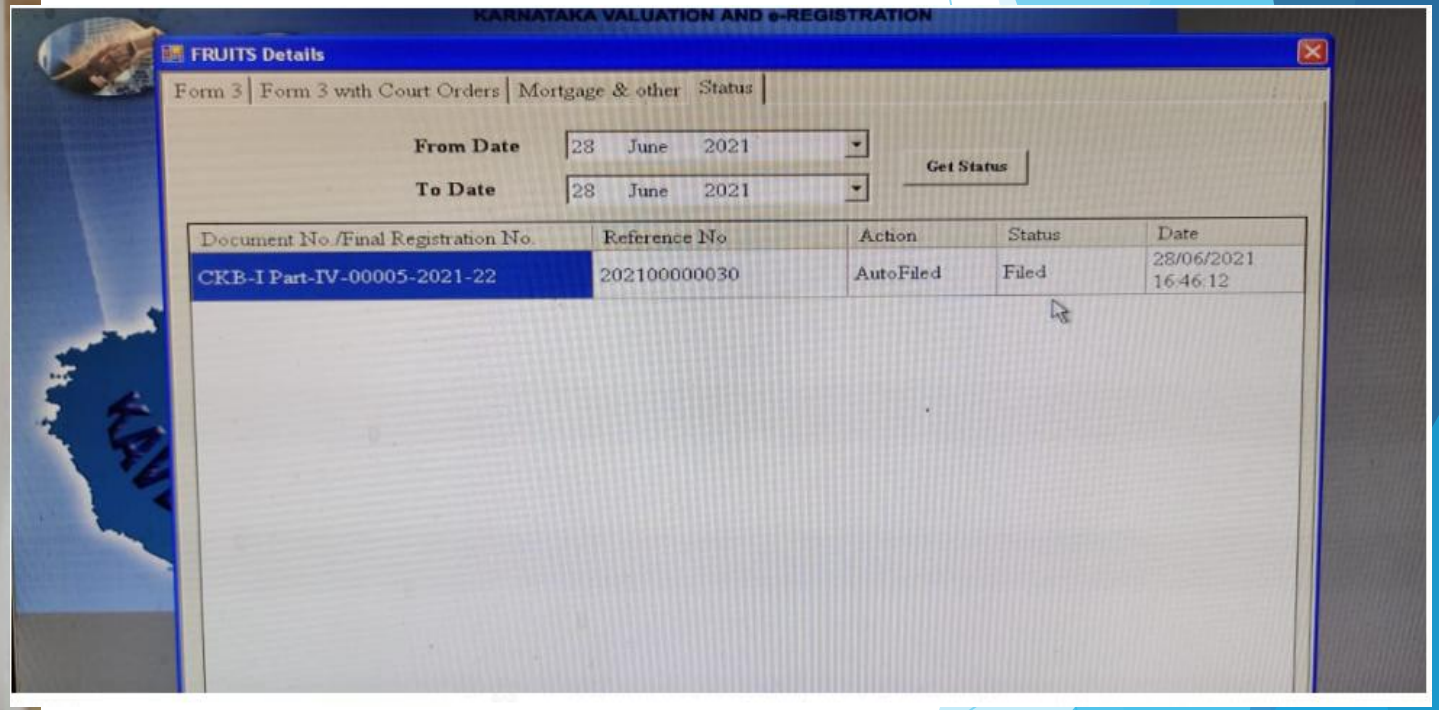
Yours sincerely,

Sd/-
(Dr. Ashish Kumar Bhutani)

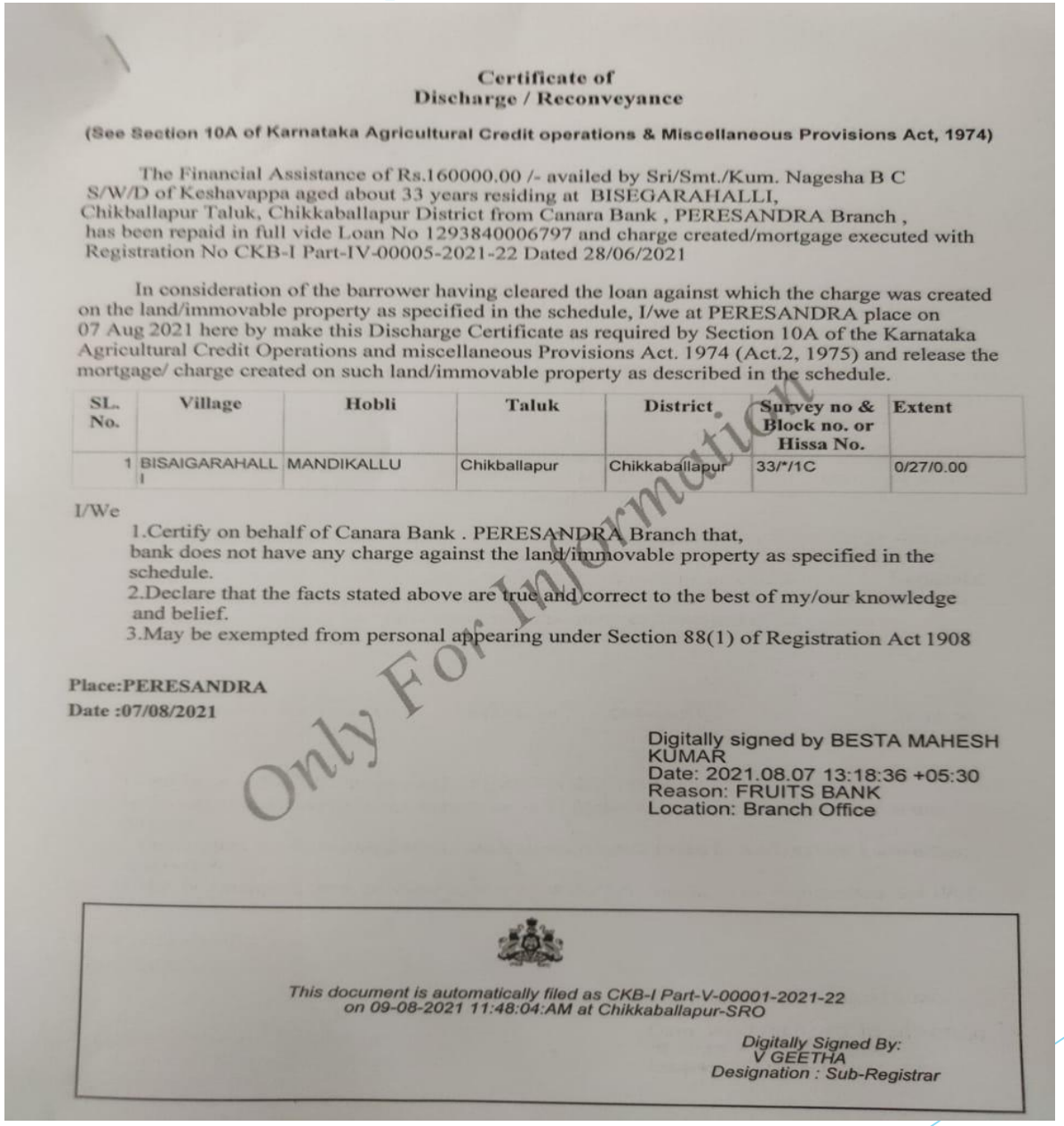
Dr. G. R. Chintala
Chairman,

Filing in SRO





Release document accepted in SRO



Certificate of
Discharge / Reconveyance

(See Section 10A of Karnataka Agricultural Credit operations & Miscellaneous Provisions Act, 1974)

The Financial Assistance of Rs.160000.00 /- availed by Sri/Smt./Kum. Nagesha B C S/W/D of Keshavappa aged about 33 years residing at BISEGARAHALLI, Chikballapur Taluk, Chikkaballapur District from Canara Bank , PERESANDRA Branch , has been repaid in full vide Loan No 1293840006797 and charge created/mortgage executed with Registration No CKB-I Part-IV-00005-2021-22 Dated 28/06/2021

In consideration of the barrower having cleared the loan against which the charge was created on the land/immovable property as specified in the schedule, I/we at PERESANDRA place on 07 Aug 2021 here by make this Discharge Certificate as required by Section 10A of the Karnataka Agricultural Credit Operations and miscellaneous Provisions Act. 1974 (Act.2, 1975) and release the mortgage/ charge created on such land/immovable property as described in the schedule.

SL. No.	Village	Hobli	Taluk	District	Survey no & Block no. or Hissa No.	Extent
1	BISAIGARAHALLI	MANDIKALLU	Chikballapur	Chikkaballapur	33/*/1C	0/27/0.00

I/We

1.Certify on behalf of Canara Bank . PERESANDRA Branch that, bank does not have any charge against the land/immovable property as specified in the schedule.

2.Declare that the facts stated above are true and correct to the best of my/our knowledge and belief.

3.May be exempted from personal appearing under Section 88(1) of Registration Act 1908

Place:PERESANDRA
Date :07/08/2021

Digitally signed by BESTA MAHESH KUMAR
Date: 2021.08.07 13:18:36 +05:30
Reason: FRUITS BANK
Location: Branch Office

Only For Information

This document is automatically filed as CKB-I Part-V-00001-2021-22 on 09-08-2021 11:48:04:AM at Chikkaballapur-SRO

Digitally Signed By: V GEETHA
Designation : Sub-Registrar

Bhoomi Mutation Status

7/2/2021 Bhoomi Mutation Status

Print

ವಹಿವಾಟಿನ | ವಿವರ
TRANSACTION | SUMMERY

ಮ್ಯುಟೇಷನ್ ಸ್ಥಿತಿ / MUTATION STATUS							
ಜಿಲ್ಲೆ :	kolar	ತಾಲೂಕು	chikballapur	ಹೋಬಳಿ	ಮಂಡಿಕಲ್ಲು	ಗ್ರಾಮ	ಬಿಸ್ಯೆಗಾರಹಳ್ಳಿ
ಸ್ಥಿತಿ : ಮ್ಯುಟೇಶನ್ ಅನುಮೋದನೆಗಾಗಿ ರಾಜಸ್ವನಿರೀಕ್ಷಕರ ಲಾಗಿನ್ ನಲ್ಲಿ ಬಾಕಿ ಇದೆ							
ಅರ್ಜಿ ವಿವರ / APPLICATION DETAILS :				Request Source : Kaveri		Request Number :6853665	
ಭೂಮಿ ಅರ್ಜಿ ಸಂಖ್ಯೆ :	6790	ಹೆಸರು :	Canara Bank , PERESANDRA	ವಿಳಾಸ :	PERESANDRA	ಅರ್ಜಿ ರೀತಿ	ಹಕ್ಕು ಮತ್ತು ಋಣ
ಸ್ವಾಧೀನತೆ ರೀತಿ :	ಆಧಾರ/ ಭೋಗ್ಯ	ಮೂಲ :		Doc :	CKB-I Part-IV-00005-2021-22	DOC Date:	28/06/2021
ವಹಿವಾಟಿನ ವಿವರ / TRANSACTION DETAILS :							
ವಹಿವಾಟಿನ ಸಂಖ್ಯೆ :	13/2020-2021	ವಹಿವಾಟಿನ ವರ್ಷ :	2020-2021	MR No :	5/2020-2021	ನೋಟೀಸ್ ಸೂಚಿಸಿದ ದಿನಾಂಕ:	29/06/2021
ಬಾಧಿತವಾದ ಸರ್ವೆ ಮತ್ತು ಹಿಸ್ಸಾ ನಂ		ಆಧಾರ / ಭೋಗ್ಯ ಮಾಡಿದವರು				ವಿಸ್ತೀರ್ಣ	

How FRUITS help Banks and Government ?

- Identifying farmers through unique ID. All the details available at one place
  - No possibility of impersonation and fake records.
- Provides crop details – Right quantum of loan - scale of finance - crop grown - perennial crops.
  - Find out crop grown v/s crop loan availed.
- No multiple loans for same crop and same land (unless allowed as per guidelines).
  - No duplicate benefits.

How FRUITS help Banks and Government? (contd..)

- **Interest subvention/ subsidy** by using FRUITS data.
  - De-duplication and saving to exchequer.
  - Even DBT could be done
- Easy coverage of loanee farmers under **crop insurance**
- Identification of farmers who have not availed loans
  - Focus on these farmers to bring under institutional finance.
- Development departments - find out potential beneficiaries

How FRUITS help Banks and Government? (contd..)

- Helps banks in creating charge and encumbrance in RoR through electronic integration with
  - Bhoomi
  - Kaveri (Land registration application of registration dept.)
- Farmers need not visit Sub Registrar Office
- MIS report - commercial banks or cooperative

Use of
FRUITS
in
Advisory Services

Use of FRUITS in Advisory Services

- Advisories – crop, live stock related
  - SMS without knowing which farmer is growing what crop or rearing what animal
    - Farmers lose focus
    - Get irritated
    - Objective is not achieved
    - Loss to exchequer
- FRUITS knows – Farmers' location, crops grown/ live stock owned.

Use of FRUITS in Advisory Services (Contd…)

- SMS sent to targeted farmers based on location, crop grown, and stage of crop, Live stock owned
- Concerned departments and crop specific boards are given login and facility to create, approve and send SMS
- SMS also contains link to FRUITS web page – more details if farmer is having smart phone.

Use of FRUITS in Crop advisory

Creation and approval of advisory master in FRUITS

Generation of list of farmers growing the crop in a area

Sending of targeted SMS to specific farmers

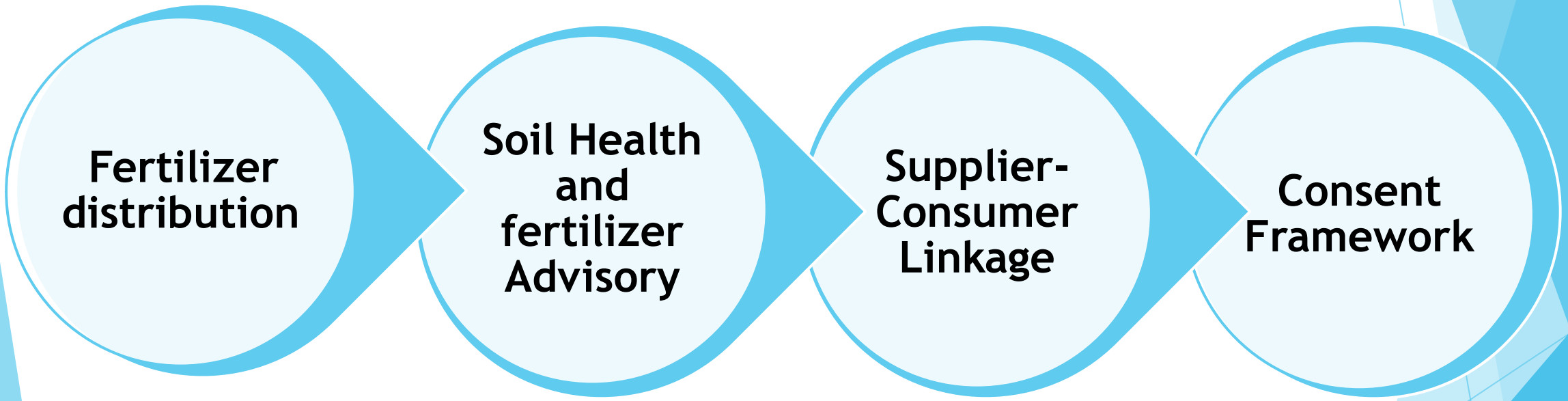
Advisory SMS with web link

Crop Advisory Details

Crop Name	Type	Category	Growth Stage	Advisory In Kannada	Advisory In English	Photo
ಮಾವು	ದೀರ್ಘಕಾಲಿಕ ಬೆಳೆ	Bearing	ಹೂಬಿಡುವ ಹಂತ	ಪ್ರಸಕ್ತ ಮಾವು ಹೂ ಬಿಡುವ ಸಮಯದಲ್ಲಿ ಅಕಾಲಿಕವಾಗಿ ಮಳೆ ಬಿದ್ದಿರುವ ಕಾರಣ ಸಂಭವನೀಯ ಹೂತೆನೆ ಕಪ್ಪಾಗುವ ರೋಗ ಹಾಗೂ ಬೂದಿರೋಗಗಳನ್ನು ತಡೆಗಟ್ಟಲು ಹೆಕ್ಸಾಕೋನ್‌ಜೋಲ್ 2 ಮಿ.ಲಿ ಅಥವಾ ಥಯೋಫಿನೇಟ್ ಮಿಥೈಲ್ 1ಗ್ರಾಂ ಅಥವಾ ಕಾರ್ಬಂಡಾಜಿಮ್ 1.5 ಗ್ರಾಂ ಅಥವಾ ಟೈಸೈಕ್ಲೋಜೋಲ್ 0.25 ಗ್ರಾಂ, ಪ್ರತಿ ಲೀಟರ್ ನೀರಿನಲ್ಲಿ ಬೆರೆಸಿ ಸಿಂಪಡಿಸುವುದು.	test mango	

Click on link

Activities in Pipeline



Connecting farmers – Implementation of consent framework - Data Empowerment & Protection Architecture**(DEPA)**

- With input suppliers
  - Fertiliser, pesticide and fin-tech
- Bulk purchaser
  - Big basket, Reliance, More etc.
- Using e Sahamathi - consent frame work to put farmer at the centre with control on his data – Based on DEPA principles
- Farmers can share data with
  - A particular ecosystem player

FRUITS - Use cases

- > 1.5 lakh farmers paid Rs.140 crore for dried/ unproductive coconut palms - Horticulture department.
- PM-KISAN – scheme implemented through FRUITS instance
  - 53 lakh+ farmer details uploaded to GoI.
  - 40 lakh+ farmers paid under state scheme (Rs 2000.00 as Ist instalment).
- FID used for procurement of commodities under MSP operation.
  - Tur, Paddy, Ragi, Jowar, Bengal gram, Ground nut, Green gram, Black gram.

FRUITS – Dashboard

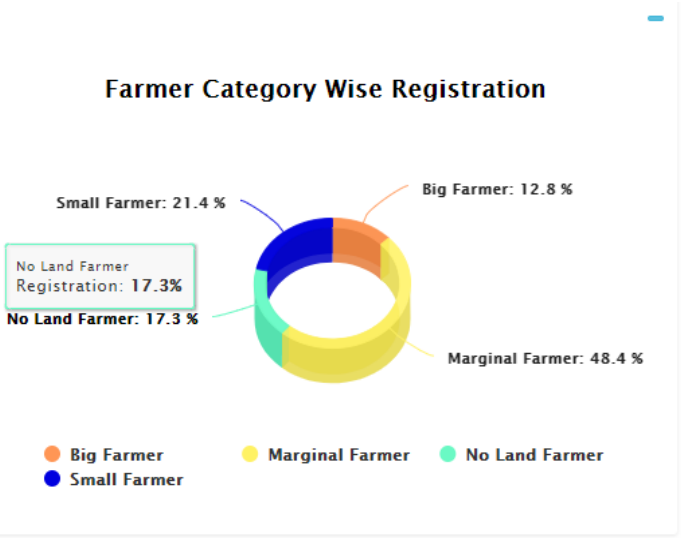
Registration Total
7626500

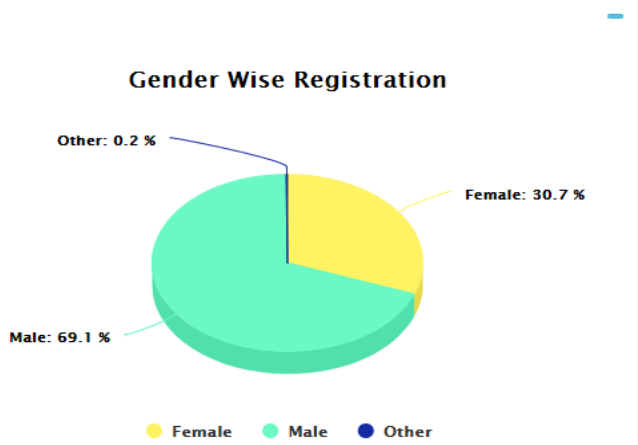
No. of Online Users(Farmer)
173838

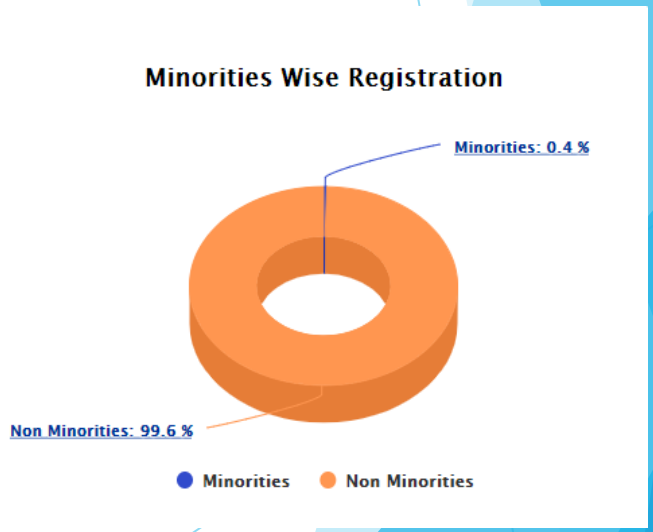
Registration by Department
7559940

Beneficiary Payment till Today

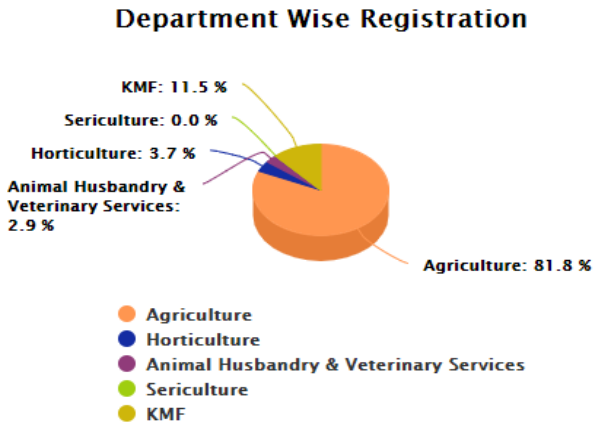
Beneficieries With One Benefit :	475499
Beneficieries With 2-3 Benefits :	4373599
Beneficieries With 4-5 Benefits :	217233
Beneficieries With More Than 5 Benefits :	

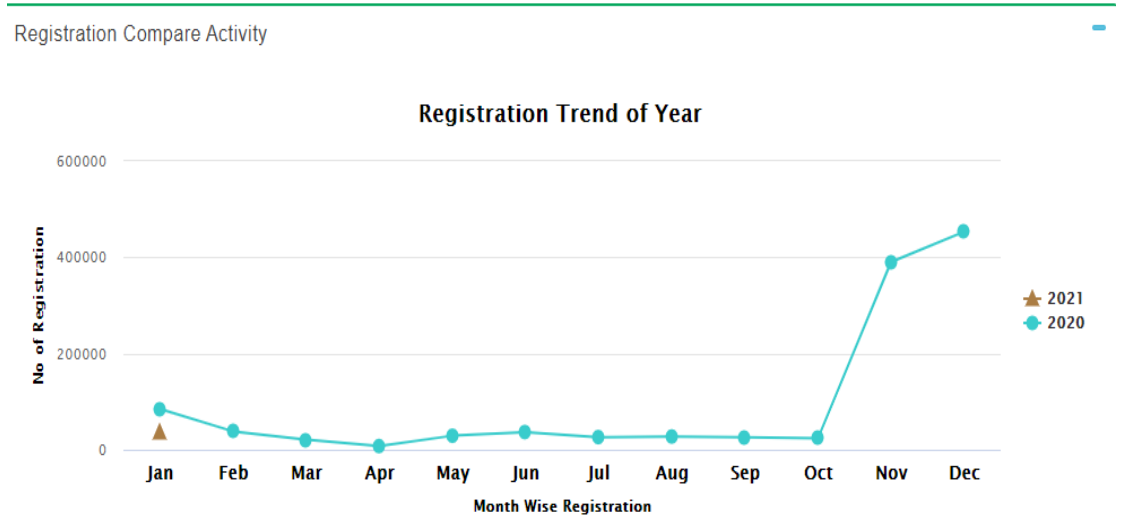


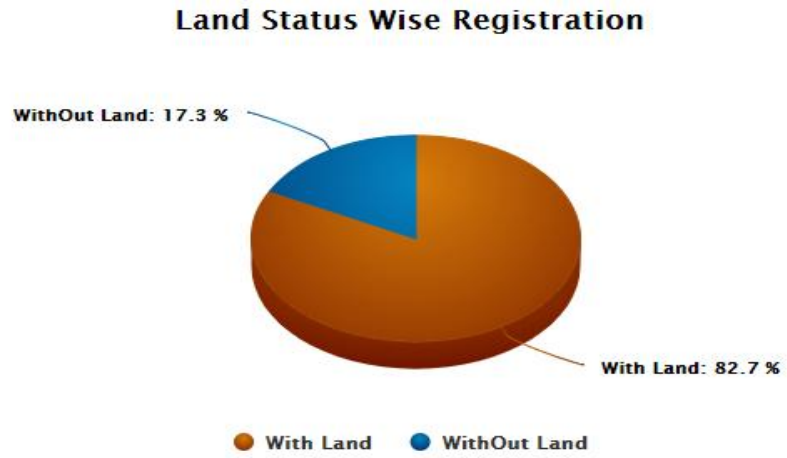


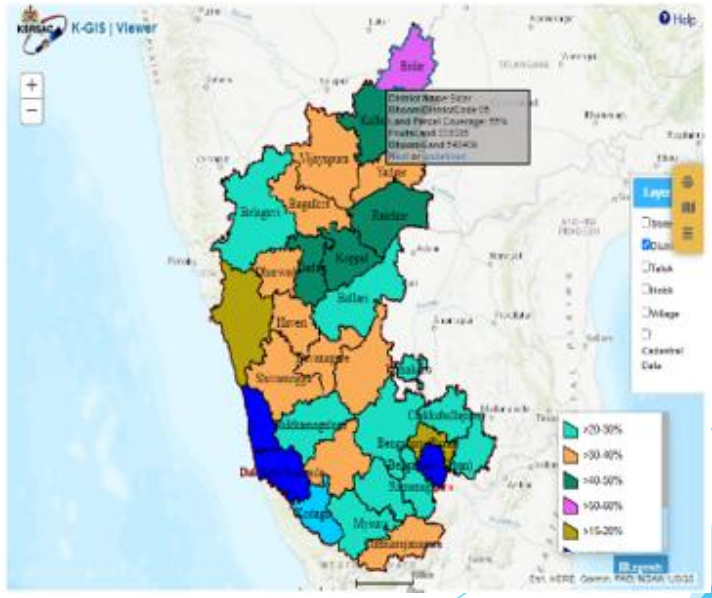


FRUITS - Dashboard



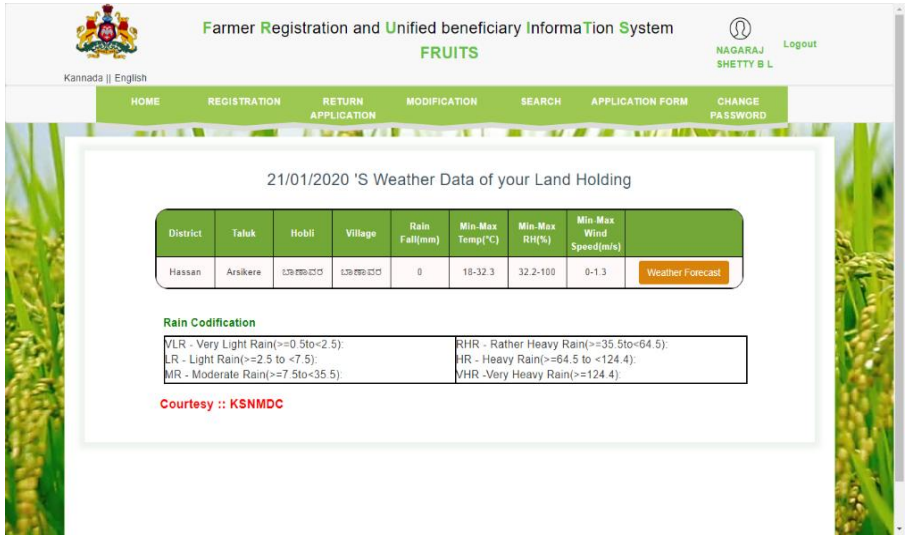




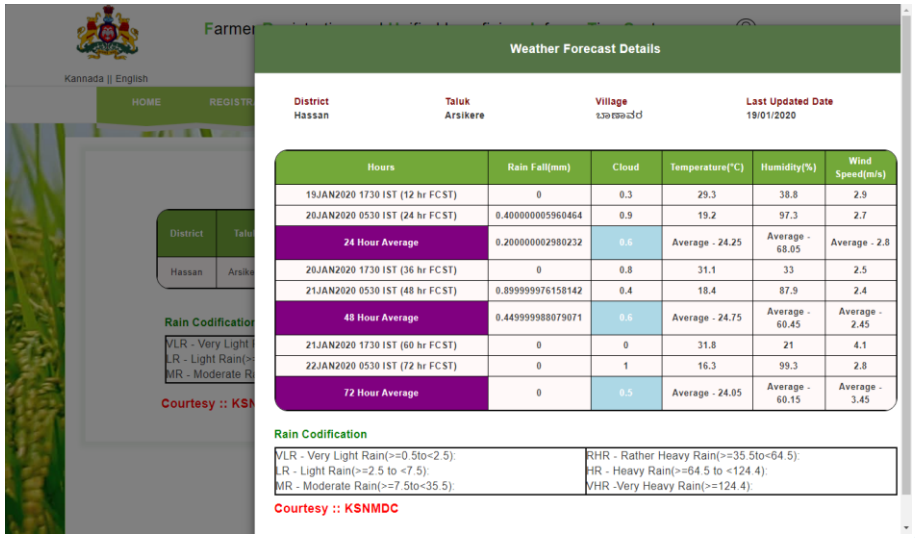


Facility to Farmers

Weather Data

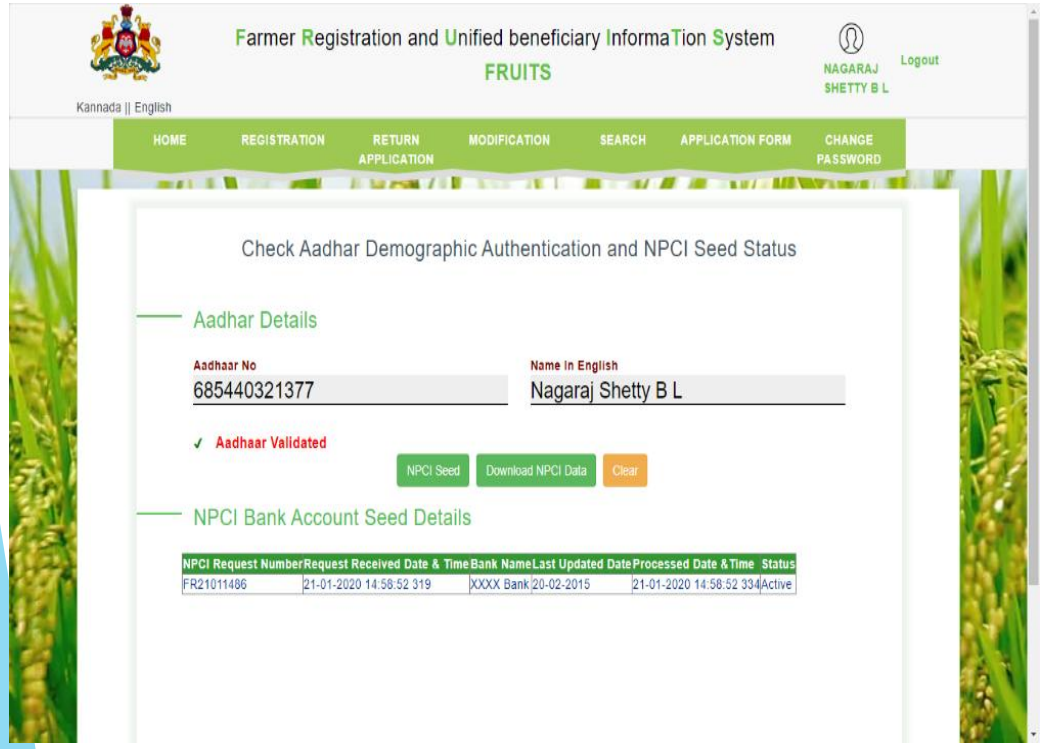


Weather Forecast



Facility to Farmer (Contd…)

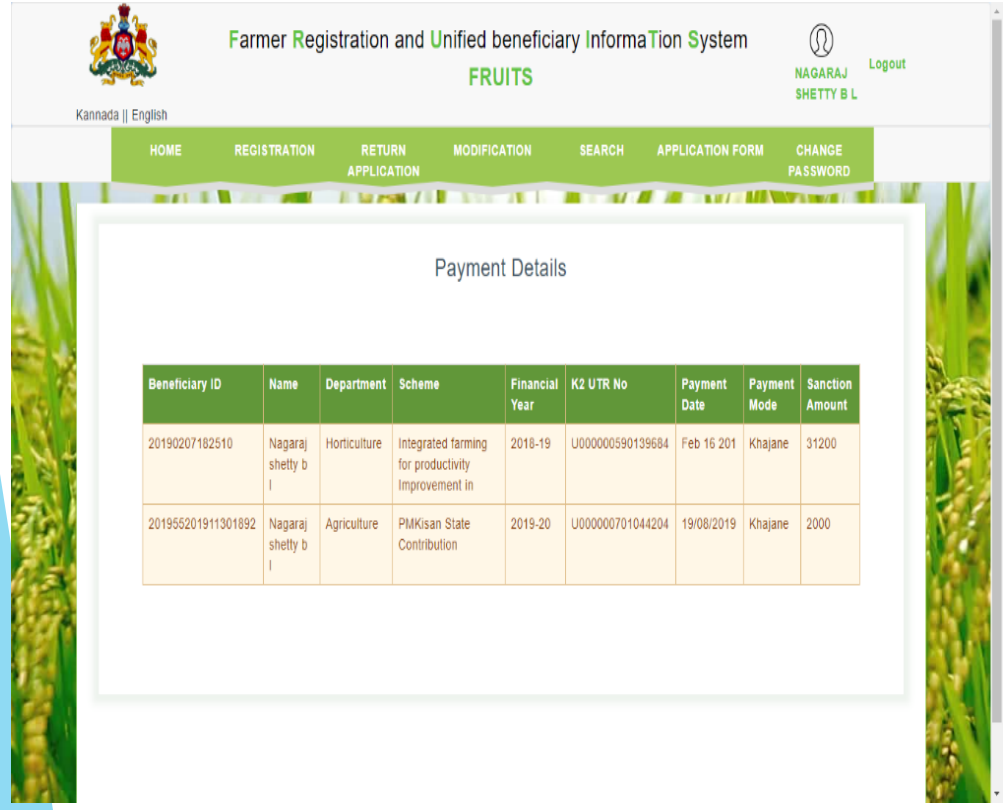
NPCI – Bank Account Aadhaar seeding status



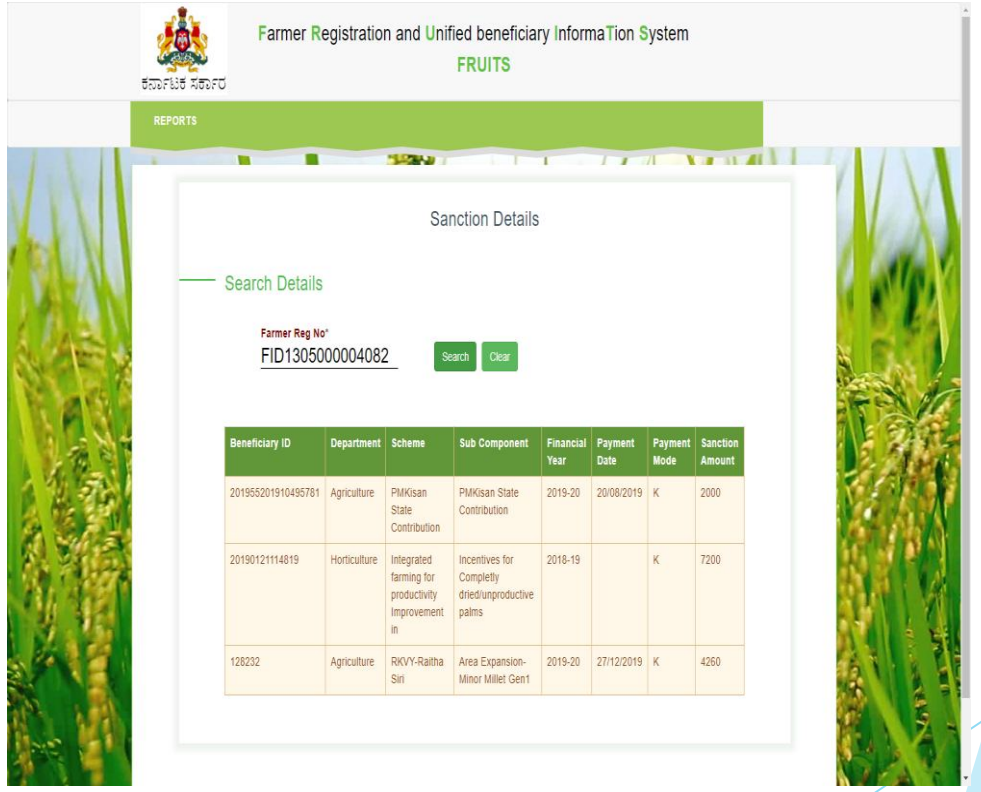
Crop Survey Data

Facility to Farmer (Contd…)

Benefits availed



Check Status



Facility to Farmer (Contd…)

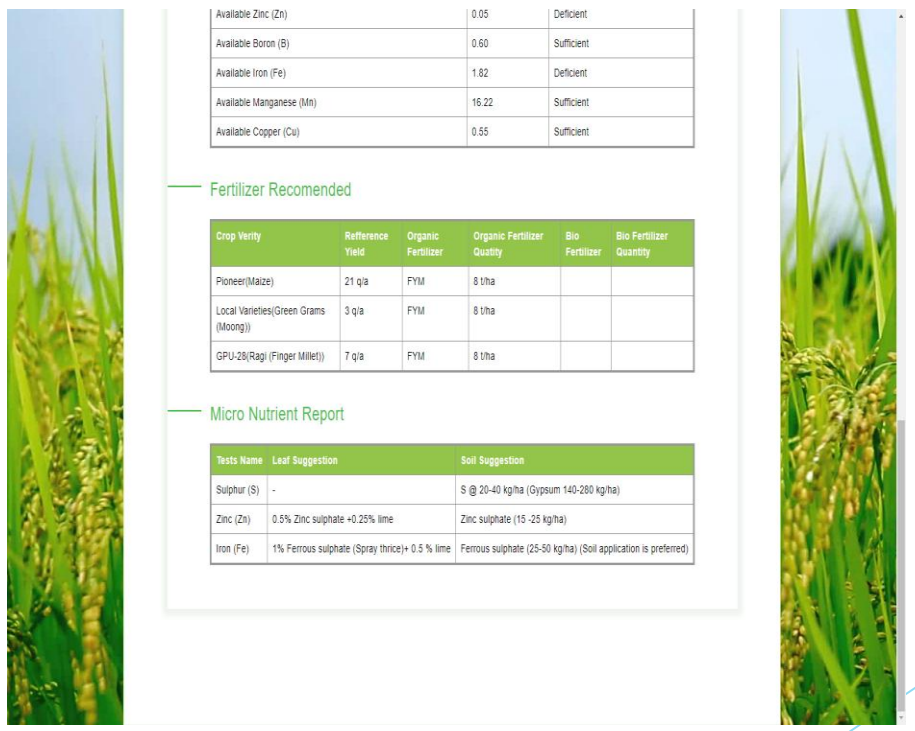
Soil Health Information

Soil Test Report

Tests Name	Value	Rating
pH	6.91	Slightly acidic
EC	0.10	Normal
Organic Carbon (OC)	0.49	Low
Available Nitrogen (N)	316.36	Medium
Available Phosphorus (P)	30.88	Medium
Available Potassium (K)	271.60	Medium
Available Sulphur (S)	8.01	Deficient
Available Zinc (Zn)	0.05	Deficient
Available Boron (B)	0.60	Sufficient
Available Iron (Fe)	1.82	Deficient
Available Manganese (Mn)	16.22	Sufficient
Available Copper (Cu)	0.55	Sufficient

Fertilizer Recomended

Crop Verity	Refference Yield	Organic Fertilizer	Organic Fertilizer Quatity	Bio Fertilizer	Bio Fertilizer Quantity
Pioneer(Maize)	21 q/a	FYM	8 t/ha		
Local Varieties(Green Grams (Moong))	3 q/a	FYM	8 t/ha		
GPU-28(Ragi (Finger Millet))	7 q/a	FYM	8 t/ha		



Available Zinc (Zn)	0.05	Deficient
Available Boron (B)	0.60	Sufficient
Available Iron (Fe)	1.82	Deficient
Available Manganese (Mn)	16.22	Sufficient
Available Copper (Cu)	0.55	Sufficient

Fertilizer Recomended

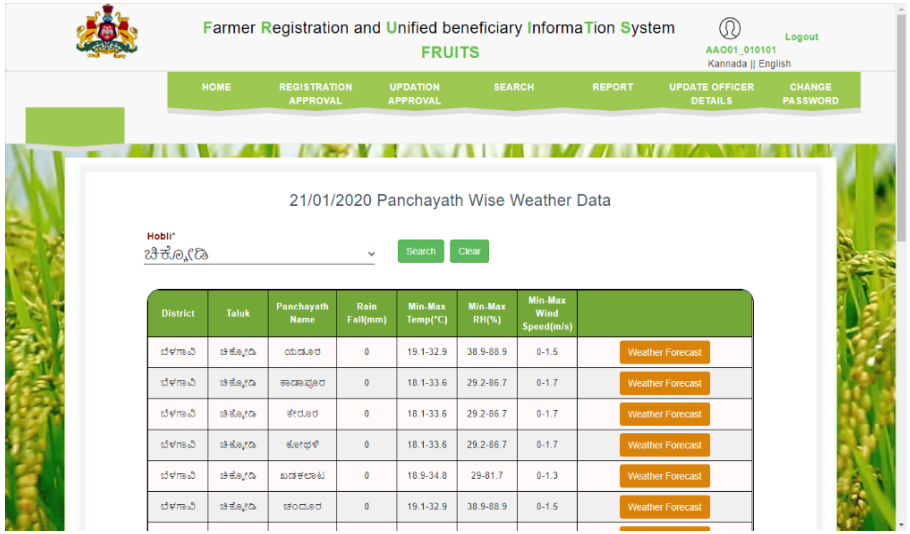
Crop Verity	Refference Yield	Organic Fertilizer	Organic Fertilizer Quatity	Bio Fertilizer	Bio Fertilizer Quantity
Pioneer(Maize)	21 q/a	FYM	8 t/ha		
Local Varieties(Green Grams (Moong))	3 q/a	FYM	8 t/ha		
GPU-28(Ragi (Finger Millet))	7 q/a	FYM	8 t/ha		

Micro Nutrient Report

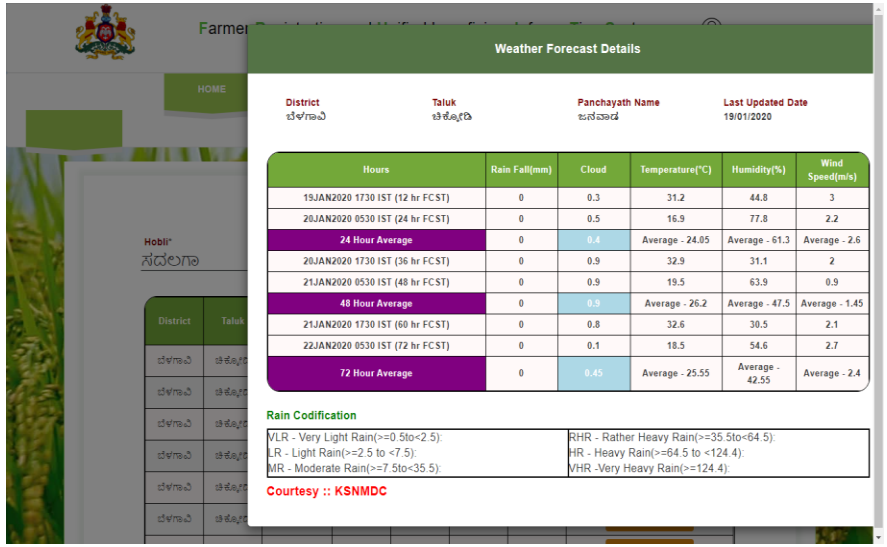
Tests Name	Leaf Suggestion	Soil Suggestion
Sulphur (S)	-	S @ 20-40 kg/ha (Gypsum 140-280 kg/ha)
Zinc (Zn)	0.5% Zinc sulphate +0.25% lime	Zinc sulphate (15 -25 kg/ha)
Iron (Fe)	1% Ferrous sulphate (Spray thrice)+ 0.5 % lime	Ferrous sulphate (25-50 kg/ha) (Soil application is preferred)

Facility to Government Functionaries

Jurisdiction wise Weather Data



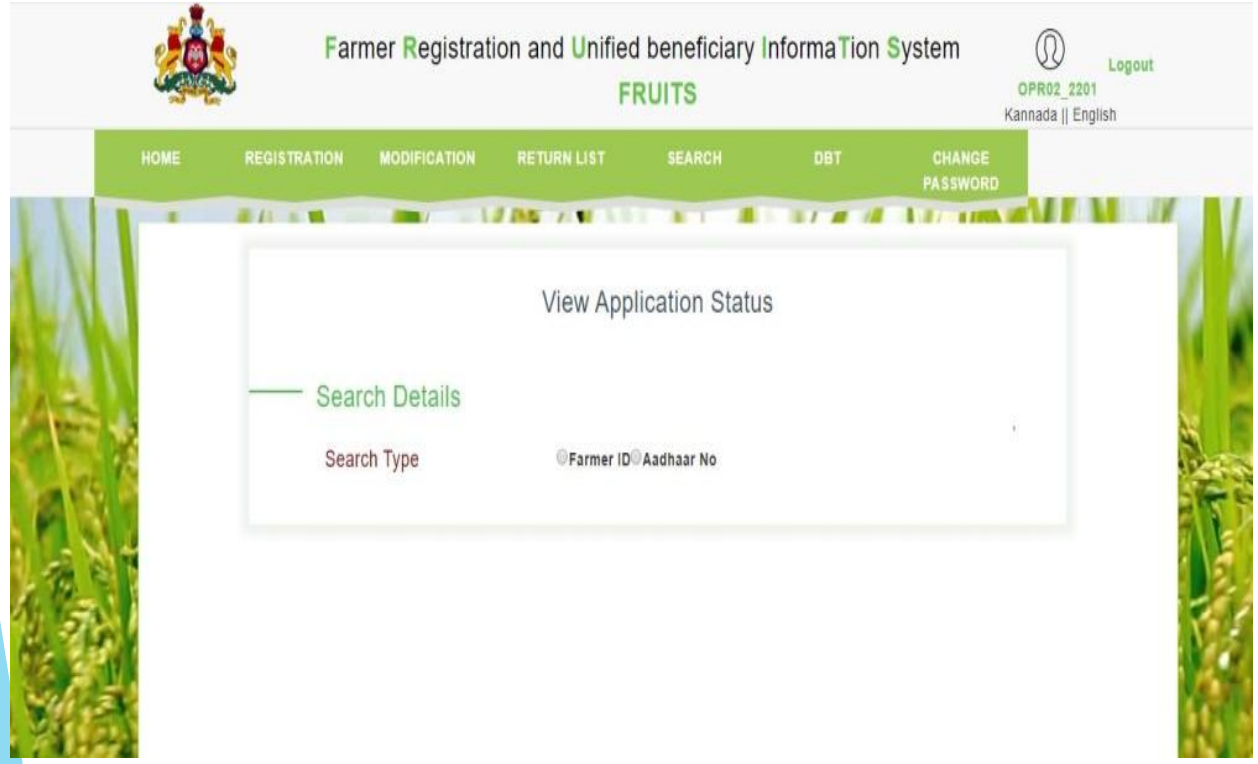
Jurisdiction wise Weather Forecast

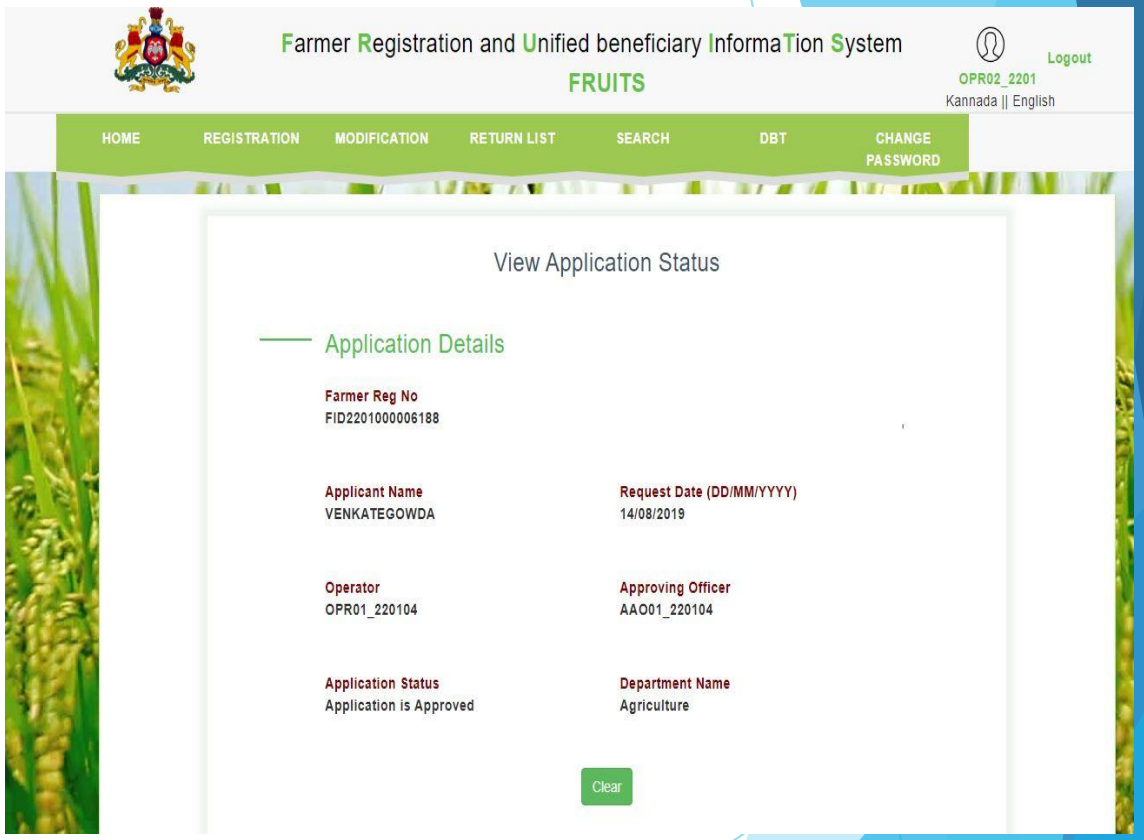


Facility to Government Functionaries (Contd…)

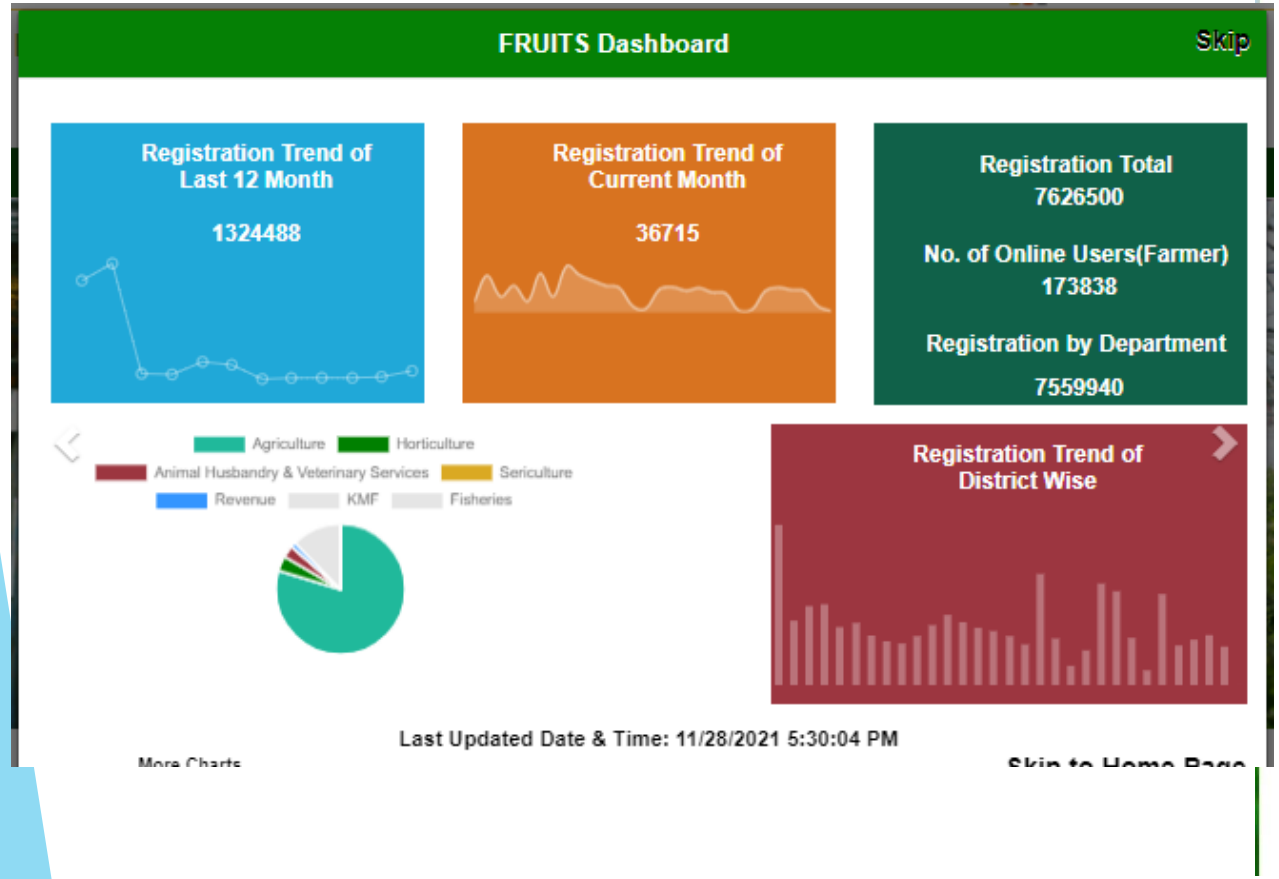
Farmer wise benefits given across Department and across schemes

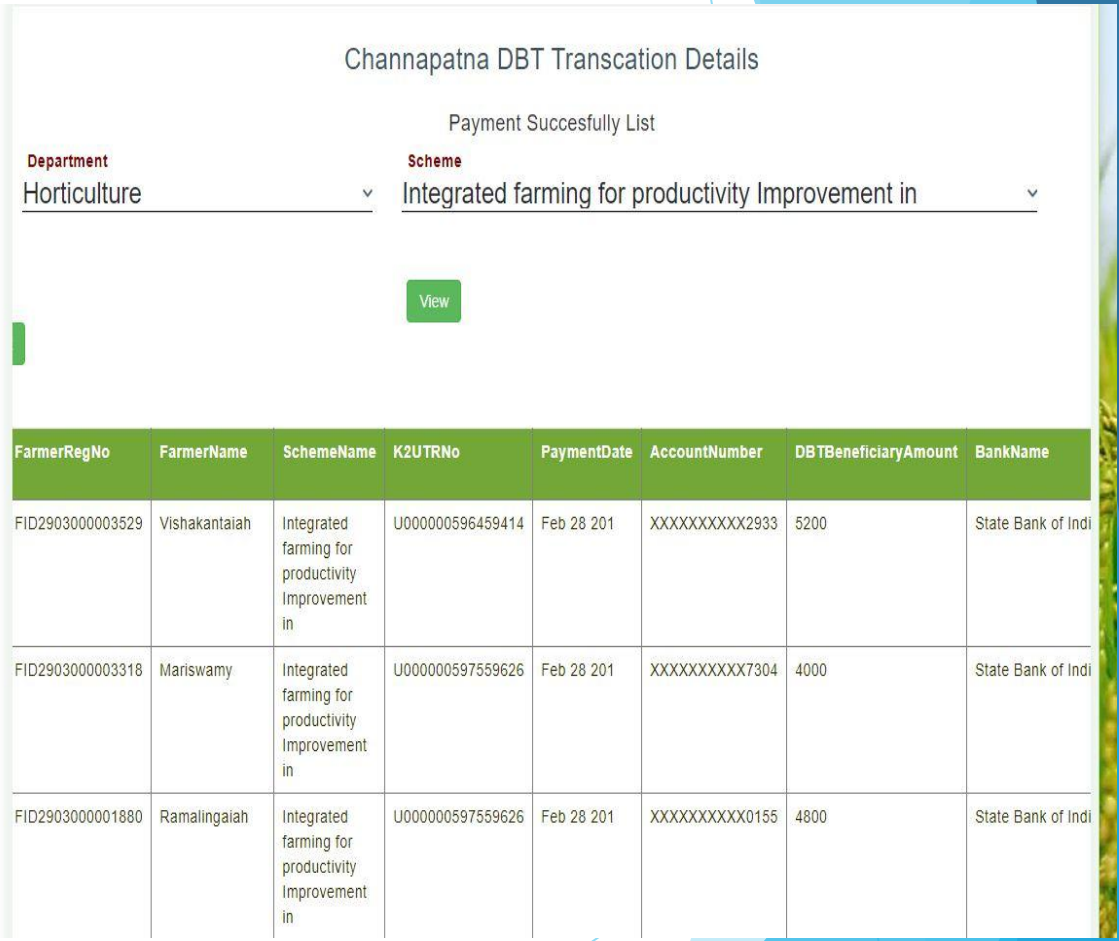
View Status of application (of benefits)





MIS Reports - of Registration and benefits extended





Channapatna DBT Transcation Details

Payment Succesfully List

Department: Horticulture

Scheme: Integrated farming for productivity Improvement in

View

FarmerRegNo	FarmerName	SchemeName	K2UTRNo	PaymentDate	AccountNumber	DBTBeneficiaryAmount	BankName
FID2903000003529	Vishakantaiah	Integrated farming for productivity Improvement in	U000000596459414	Feb 28 201	XXXXXXXXXX2933	5200	State Bank of Indi
FID2903000003318	Mariswamy	Integrated farming for productivity Improvement in	U000000597559626	Feb 28 201	XXXXXXXXXX7304	4000	State Bank of Indi
FID2903000001880	Ramalingaiah	Integrated farming for productivity Improvement in	U000000597559626	Feb 28 201	XXXXXXXXXX0155	4800	State Bank of Indi

MIS Reports – Benefits extended (Drill down up to individual beneficiary)

Department: Horticulture

Scheme: Integrated farming for productivity Improvement in

View

Sl No	District	Total Beneficiaries	Sent For Adhar Validation	Adhar Succesfully Validated	Adhar Bank Seeded	Adhar Bank Seeded But Not Activated	Adhar Bank Account Not Seeded	Adhar Validation Rejected	Sent for Payment	Sent for K2	Payment Sucessfull
1	ಕಿಪಮೊಗ್ಗ	5	5	3	3	0	0	2	3	3	2
2	ಮೈಸೂರು	2697	2697	2690	2619	18	53	5	2619	2610	2598
3	ದಾವಣಗೆರೆ	1208	1208	1196	1161	5	30	12	1161	1154	1138
4	ರಾಮನಗರಂ	2141	2141	2123	1953	33	137	18	1953	1943	1905
5	ಬಳ್ಳಾರಿ	404	404	404	400	3	1	0	400	397	397
6	ಮಂಡ್ಯ	8715	8715	8687	8379	75	233	28	8379	8349	8197
7	ಉತ್ತರ ಕನ್ನಡ	1	1	1	1	0	0	0	1	1	1
8	ಹಾಸನ	74530	74530	74421	72714	428	1279	98	72714	72076	71858
9	ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ	96	96	92	90	0	2	4	90	90	89
10	ಚಿಕ್ಕಮಗಳೂರು	16768	16768	16751	16344	127	280	10	16344	16279	15860
11	ಹಾವೇರಿ	3668	3668	3649	3493	50	106	19	3493	3469	3379
12	ಚಿತ್ರದುರ್ಗ	11962	11962	11957	11609	135	213	2	11609	11547	11544
13	ತುಮಕೂರು	33084	33084	33047	31876	326	845	20	31876	31809	30806
14	ಚಾಮರಾಜನಗರ	8786	8786	8777	8591	38	148	9	8591	8525	8552
	Total	**164065**	**164065**	**163798**	**159233**	**1238**	**3327**	**227**	**159233**	**158252**	**156326**

Payment Details

Search Details

Search Type: Farmer Reg No / Aadhaar No

Farmer ID: FID2308000010864

Search | Clear

Beneficiary ID	Name	Department	Scheme	Financial Year	K2 UTR No	Payment Date	Payment Mode	Sanction Amount
201955201911255214	Girisha K L	Agriculture	PMKisan State Contribution	2019-20	U000000701354392	21/08/2019	Khajane	2000
20190128122536	Girisha K L	Horticulture	Integrated farming for productivity Improvement in	2018-19	U000000583050326	Feb 7 201	Khajane	8000

Thank You