Kisan Rath: Solution of Farmers for Agri-Product Transportation

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SUMMARY

Agricultural products are the life line and vital source of survival for the human kind on earth. Agricultural commodities produced have to go through a series of operations such as harvesting, threshing, winnowing, bagging, transportation, storage, processing and exchange before they reach the market or at consumable endpoint. There are considerable losses in crop output at all these stages. By facilitating the transportation facility which is efficiently and instantly are going to reducing the loss. Kisan Rath is good initiatives where a platform for registration of farmers, FPO, traders and service provider for solving the issue of transportation facility for agri-products.

INTRODUCTION

Transportation is a key factor for getting higher prices of agri products (FAO) and reducing the losses because when the products are selling in near market due to perishable nature, poor transportation facility instantly and efficiently; so not getting higher prices in local market. The poor status of farmers making unable to transport for sell in other mandi due to lack of vehicles, instant availability of transportation facility etc. so farmers are prefer to sell in local market at lower price. Kisan Rath is a plateform which provide the facility to interactions of farmers, FPO, Traders and service provider for agri produce transportation facility. The initiatives are taken by ministry of agriculture and farmers welfare, department of agriculture, cooperation and farmers welfare with the tagline of "facilitating transportation of agri produce". The app launches on 17th April 2020 by agriculture minister Narendra Singh Tomar during the Covid-19 lockdown where farmers are facing the send their produce for sell in mandies due to transportation facility lacking.The app is expected to connect farmers and traders to a network of more than 5 lakh trucks and 20,000 tractors.

How to Use:

There are simple steps are follow for utilizing the facility and solving the problems of farmers facing year rounds. Steps for use the app (in reference of farmers):

1. Open the KISAN RATH App in device to access the application and choose language
2. After your preferred language and click on "Next" Button. Login screen will be displayed than login if already registered or if new than first registration process complete.
3. For registration there are four options like as Farmer, Farmer Producer Organisations (FPO), Traders and Service Providers. As per your suitability select option for your registration with other necessary filling column.
    For eg. Registration as farmers:

Registration as Farmer
- If you are PM-KISAN beneficiaries than select "Registered on PM-KISAN" and enter your Aadhaar number along with other details.
- After entering the mobile number, click on "Generate OTP" .The OTP will be sent on your entered mobile number via SMS.
- Received OTP filling for verification of mobile number.
- After mobile number verification, select one category between Rural or Urban.
- If category is chosen as Rural then following fields have to be filled: State, District, Block/Tehsil and Village name.
- If Urban category then following fields have to be filled: State, District, Town .
- After filling all the required fields, click on "Register" to proceed.

- A default password is sent to Registered Mobile Number as SMS and user-id will be at your registered mobile number.

  Note: - Upon your first login, user is required to change the Password received after registration.

  For one mobile number you can only register once with same number.

4. Login
   - Login functionality would be same for all users as so chose as the farmer. There are two options for login into the App which are:
   - OTP Based Login –User- fill the registered mobile number and click on generate OTP. After OTP getting via SMS fill and login.
   - Password Based Login -Users have to enter their Password.
   - After login as Farmer, Dashboard would be displayed which have different options but for request to transportation facility choose the option "Post Load":
   - Post load- Here users would select values from Dropdown based on category of transportation of Agri Produce eg: whether the transportation is required from Farm to Mandi, Mandi to Mandi etc and click on "Next" button to proceed.
   - Filling of all the details as require in two screens and click on "Send Enquiry" button.
   - At Clicking on Send Enquiry button, when request would be submitted a confirmation message will be displayed on screen.
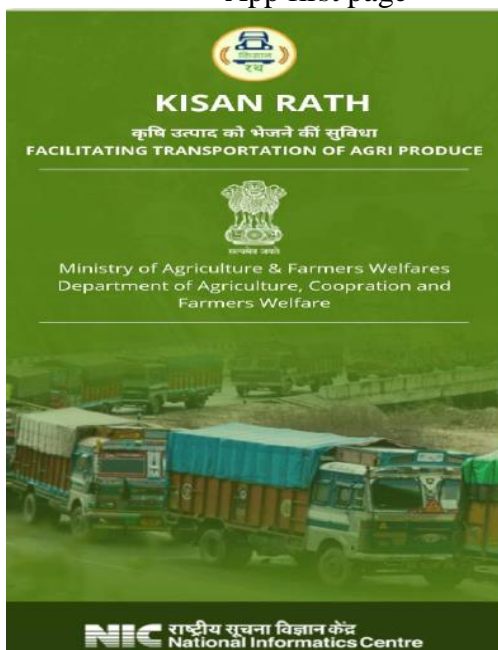
5. After post a load request there are options for check the status, history of laod request by clicking on load request list. There are also options for profile editing, password change, feedback submission etc.

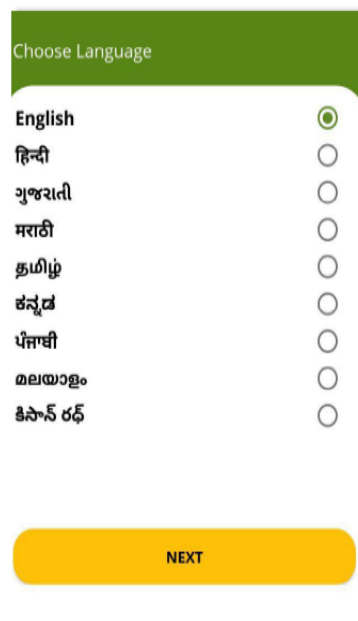6. If any query than contact facility are also available which are:
   - For technical issue: kisanrath-tech@nic.in
   - For training video: http//:www.youtube.com for kisan rath and list of video available choose anyone for detail use of app.
   - Administrative queries: kisanrath-agri@gov.in
   - Helpline No.: 1800 180 4200 and 14488

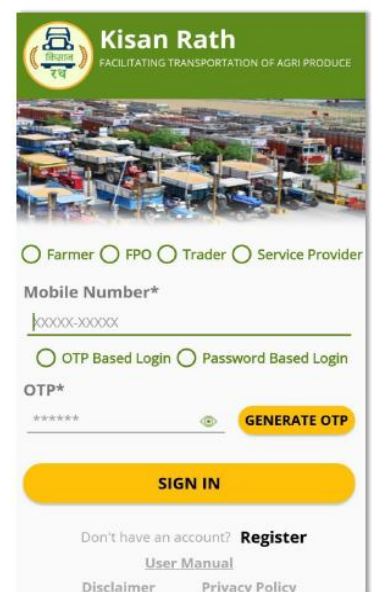**Pictorial Representations of Steps (Source: kisanrath.nic.in)**

App first page	Language selection	Registration

First page of registration

Final page of registration

Sign in after registration

Dashboard

Transportation location

Load request filling

Confirmation of load request

Contact information

CONCLUSION

       Kisan-Rath app help farmers and traders who are searching for vehicles to move produce by providing; Primary transportation facilitates (transport from the farm to the mandies, local warehouses or the collection centers of farmer producer organizations) and Secondary transportation facility (enable from the local mandies to intra-and inter-State mandies, processing units, railway stations, warehouses or wholesalers). An adequate farm management begins and ends with efficient and properly managed transport. The app will be a stepping stone towards provision of timely transportation services at competitive rates for farmers and traders, besides achieving a reduction in food wastage and ensuring better prices of the produce to farmers act as a step towards doubling the farmer's income.

REFERENCES

http://www.fao.org/3/w3240e/w3240e12.htm (access on 06/08/2020)
https://kisanrath.nic.in/ (access on 05/08/2020)