

Manual on **KVK Machinery Bank App**



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Manual on KVK Machinery Bank App

Introduction

Paddy-wheat cropping system is predominant in Punjab and mechanised harvesting & threshing of paddy using combine harvesters has reduced the cost of cultivation but also created the problem of paddy straw management. Paddy residue has emerged as a major challenge to the contemporary agriculture in Punjab as disposal or utilisation of the leftover residue in the short window of 10-20 days for timely planting of ensuing crops is a difficult task. Among the scientific crop residue management options, *ex-situ* (outside the field) management of paddy residue is essentially the mining of essential nutrients from the field and should be avoided. However, *in-situ* (in the field itself) management involves either retaining the residue on field as layer of mulch while sowing the succeeding crop with happy seeder or zero-till drill or mixing/incorporating residue in the soil using reversible plough, disc plough or rotavator. The type of management and machines to be used can be chosen based on the requirements of the succeeding crop.

Why KVK Machinery App

Machine bank in each KVK of Punjab has been established for *in-situ* crop residue management. Farmers, particularly small and marginal farmers who cannot afford to purchase these machines due to either higher cost or limited use of a particular machine. Such farmers can procure these machines on custom hiring basis from any machine Bank established in KVKS of Punjab as per their requirement. To facilitate the farmers of Punjab, ICAR



ATARI, Ludhiana has developed a KVK Machinery Bank App. Farmer can download this app on their android mobile phone and can search the machine required for *in-situ* residue management and place the order of machines to sow the succeeding crop timely.

How to download the KVK Machinery Bank App

Farmers can simply download this KVK Machinery Bank App from the Google Play Store by following the given instructions:-

1. Use the link (<https://play.google.com/store/apps/details?id=in.gov.icar.atariz1>) or open the Google Play Store in your mobile phone and write the name of the App in search box and click find.
2. Download and install the App in your phone.

1. Open Google Play Store



Google Play

2. Type KVK Machinery Bank in search menu

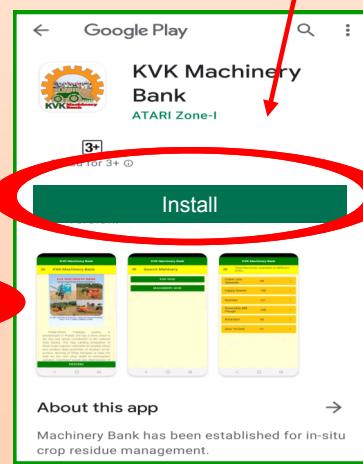


Search for apps & games



kvk machinery bank app

3. Select the App and click on install





How to use KVK Machinery Bank App

1. After finishing the installation process of the App, Open the mobile phone apps and open the KVK Machinery Bank App. After clicking on the App icon, the home screen will appear as given below:-

1. Home Screen of App



Paddy-wheat cropping system is predominant in Punjab and has a lion's share in the rice and wheat contribution to the national food basket. The high yielding production of these crops requires cultivation of varieties which also produce large quantities of residues as by-product. Burning of these residues, to clear the field for the next crop, leads to atmospheric pollution, nutritional losses and deterioration of soil health. Whereas incorporation of this straw

PROCEED

2. Click here for next options



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PROCEED

3. Click here for next options



2. After clicking on the three lines box, it will open the menus as given below:-



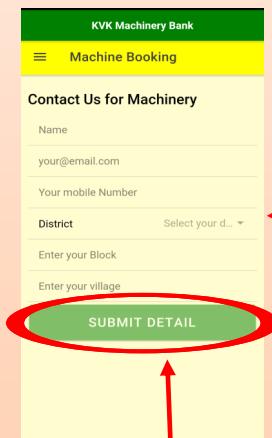
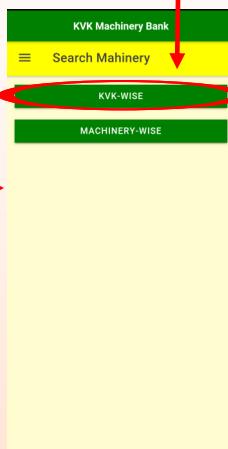
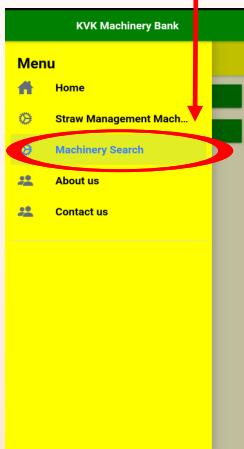


3. After clicking on the “Machinery Bank”, it will open the menus and to see the Machinery details “KVK wise”, click on the KVK wise option as given below:-

1.Click here

2.Click here

3.Click here



6. Fill the options and click here to submit your details

5. Click here

4. Click here



4. To see the Machinery details as “Machinery wise”, click on the Machinery wise option as given below:-

1. Click here

2. Click here

3. Click here

6. Fill the options and click here to submit your details

5. Click here

4. Click here

KVK Machinery Bank

Menu

- Home
- Straw Management Mach...
- Machinery Search
- About us
- Contact us

KVK Machinery Bank

☰ Search Mahinery

KVK-WISE

MACHINERY-WISE

KVK Machinery Bank

Cutter cum Spreader Machine available in following KVKs

- KVK Amritsar
- KVK Barnala
- KVK Bathinda
- KVK Faridkot
- KVK Fatehgarh Sahib
- KVK Fazilka
- KVK Ferozepur
- KVK Gurdaspur
- KVK Hoshiarpur
- KVK Jalandhar

KVK Machinery Bank

☰ Machine Booking

Contact Us for Machinery

Name
your@email.com
Your mobile Number
District
Select your d...
Enter your Block
Enter your village

SUBMIT DETAIL

KVK Machinery Bank

☰ Machine Detail



Cutter cum Spreader

Availability:	3
Fuel Efficiency:	3-4 litre/acre
Machine Efficiency:	1.5 acre/hour
Tractor Needed (hp):	35 HP
It improves the efficiency (20%)	

CONTACT

KVK Machinery Bank

☰ Total Machines available in different KVKs

- Cutter cum Spreader 68
- Happy Seeder 194
- Mulcher 121
- Reversible MB Plough 108
- Rotavator 60
- Zero Till Drill 91

The two options are available here to view the details of any machine. Farmer/user can either check the machine details by KVK-wise or as Machinery category wise. For example, if the user want



to check the machinery availability by KVKs, then user will have to click on the “KVK wise” dialogue box and select the name of the KVK. After choose the KVK, the user will be able to see the details and also contact for all available machines in the KVK.

5. To see the details of App, click on “About us and click on “Contact us” for more information, it will open the dialogue boxes as given below:-

KVK Machinery Bank

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KVK Machinery Bank

About us

"Agricultural Technology Application Research Institute (ATARI)" is a transformation of erstwhile Zonal Project Directorate, Zone-1, ATARI, Zone-1 was established by the ICAR, New Delhi at Ludhiana to monitor and review lab to land programme. Presently, this institute has been entrusted to actively engage in planning, monitoring, reviewing and evaluating the ICAR sponsored transfer of technology projects implemented through KVKs, Vigyan Kendras (VKVs) located in Punjab, Uttarakhand, Himachal Pradesh, Jammu & Kashmir and Ladakh. The mandate of the ATARI is:

- Coordination and monitoring of technology application and Frontline Extension Education Programs
- Strengthening Agricultural Extension Research and Knowledge Management

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KVK Machinery Bank

Contact Us

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