Oilseeds at a Glance (Mobile Application) – A Demo

C.Sarada, K.Alivelu,M.Padmaiah, S.N.Sudhakara Babu,
G.D.Satish Kumar and K.S.Varaprasad
ICAR-Indian Institute of Oilseeds Research

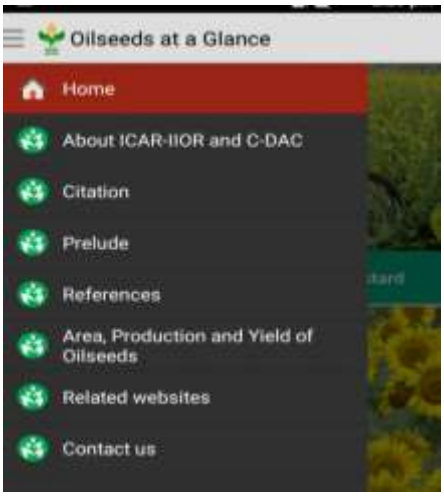
The android stand alone mobile application on **"Oilseeds at a glance"** is an initiative to reach the wider section of stakeholders through ICT from IIOR. This APP is the result of collaborative effort of ICAR-IIOR and C-DAC provides a comprehensive information about 9 oilseed crops viz., Groundnut, Rapeseed and Mustard, Soybean, Sunflower, Safflower, Sesame, Niger, Castor and Linseed . There are 6 sections for each crop: Crop information, Released varieties and hybrids, State-wise preferred varieties and hybrids, AICRP centres contact information, ICAR seed Project centres dealing with oilseed crops, Mandis/selling markets for each state. In crop information section the user can have the information on crop particulars like its scientific name, local names, major growing states, climate, duration, sowing season, crops suitable for intercropping, Recommended dose of fertilisers (RDF), major diseases and pests, harvesting, yield, cost of cultivation, MSP etc.

The flash screen depicts the title and logos of the IIOR and ICAR. The first screen takes to the

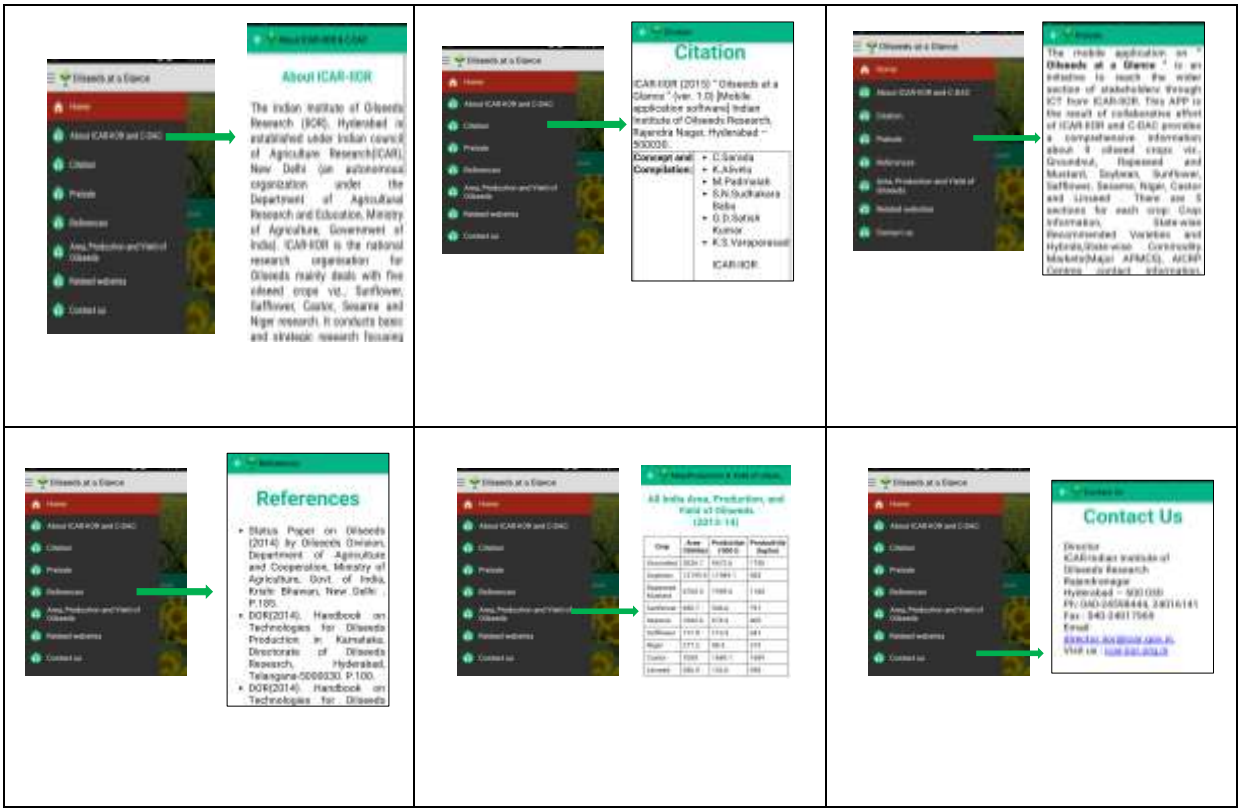
Main screen of the app. The two screen shots are presented below.

At the top of the main screen the home screen button takes u to home page and depicts the contents of the home page.

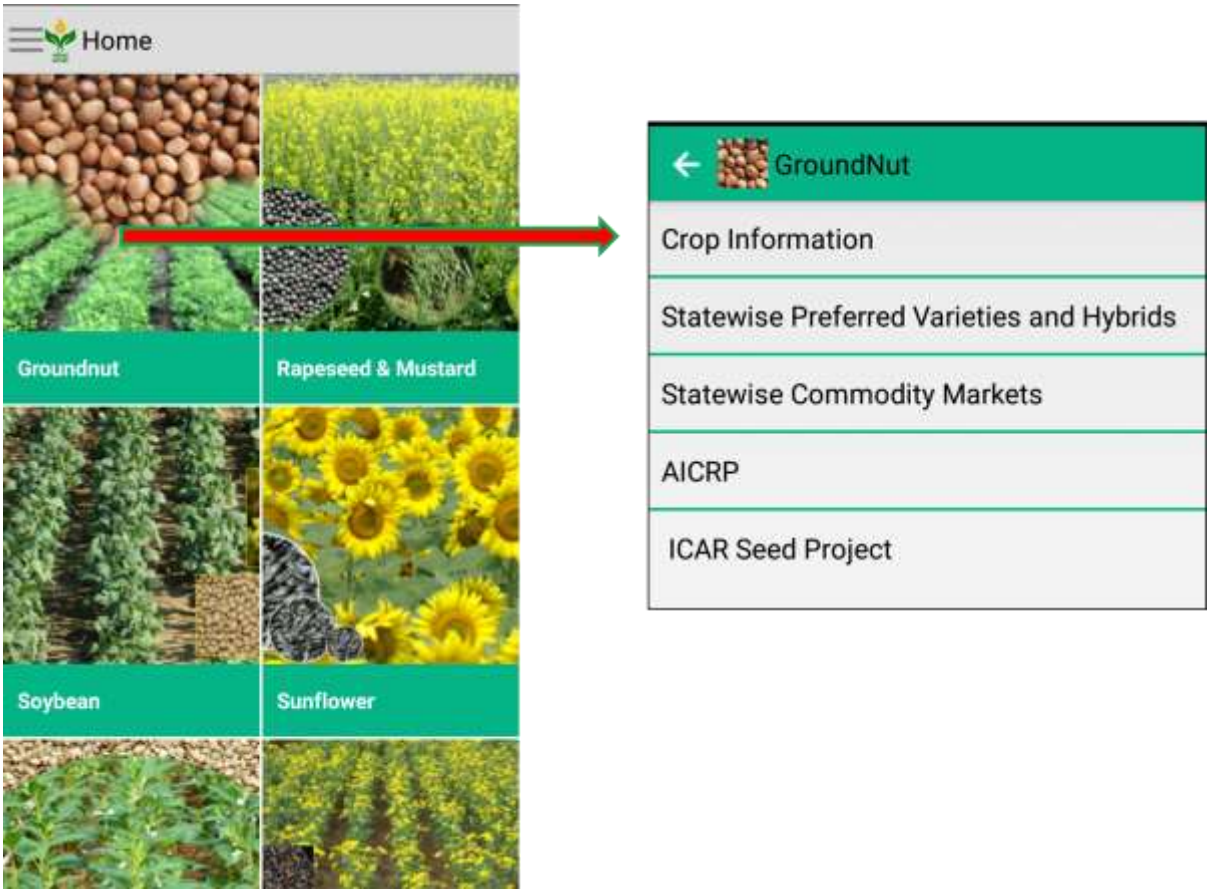
Fig2. Home screen of the App.



Home screen contains a brief description about the IIOR and C-DAC ,How to cite the mobile app. In the Prelude we described the the information provided in the app. Apart from this the all india area, production and yield for nine oilseeds crops for the present year i.e. 2015-16 has been given , this gives an idea about the spread of the crop and contribution of oilseeds to agriculture. Some of the related websites as link has been provided to get related information. The following screen shots illustrates each of these contents.



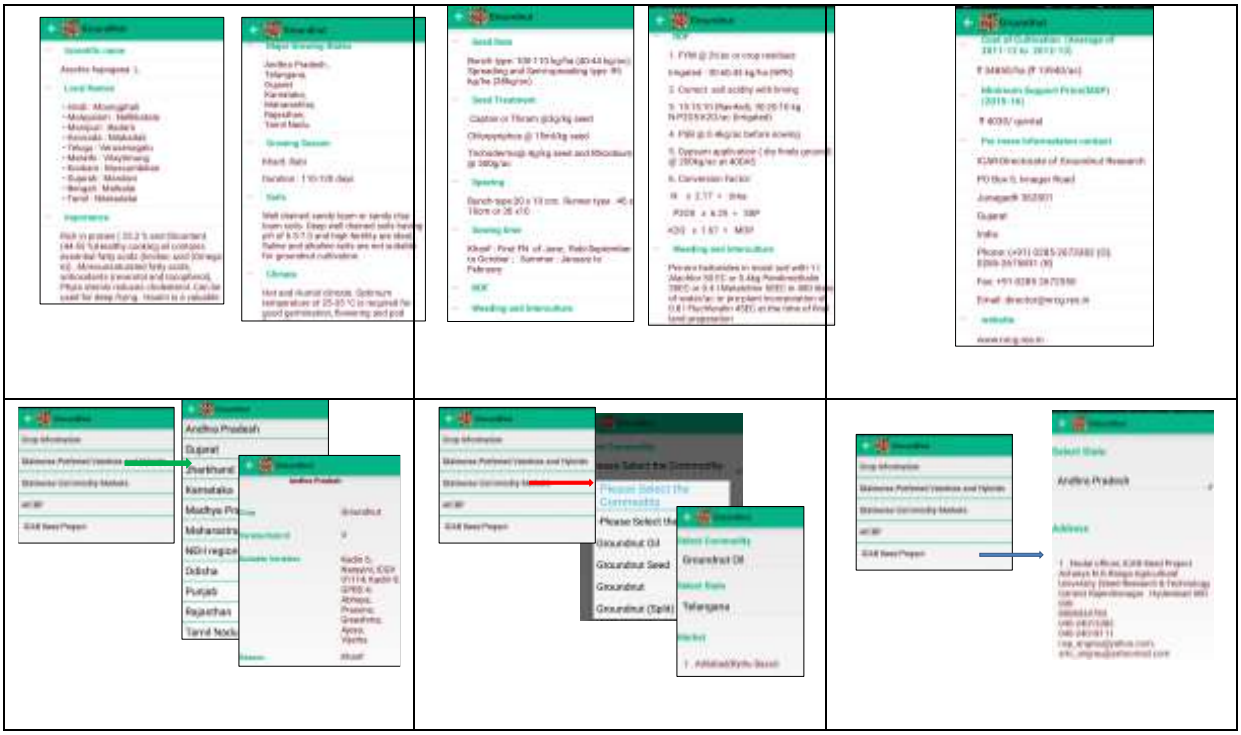
The main screen contains all the 9 annual oilseeds crops photos depcting crop and respective seeds picture. Clicking on the any crop picture takes the user to respective crop menu.



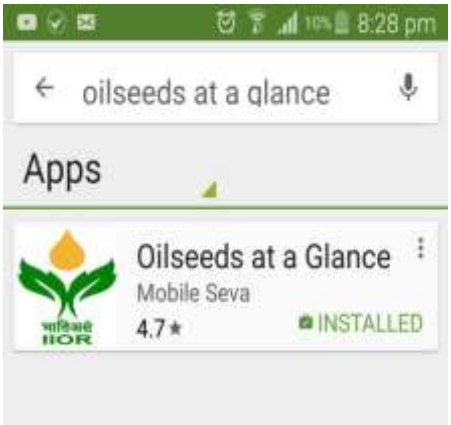
In the crop menu information on five aspects like crop information, state-wise released varieties and hybrids (which are in seed chain), state wise major APMC markets, All India co-ordinated research project (AICRP) centres address and Addresses of ICAR seed project centres for respective crops are provided.

In the crop information menu all the basic information of the crop like its scientific name, local names , importance, soils, climate, seed rate, spacing, recommended dose of fertilizer, inter cropping, weeding and inter culture, irrigation, list of major pests and diseases, yield, harvesting stage etc. The information also includes the Institute address for more information and website address.

An illustration of above is presented in the following screen shots in detail.



This app can be downloaded in to android smart phone from google play store by typing in the search box as **"Oilseeds at a glance"**. It is to be noted that after installing this App complete information will be stored in your smart phone and can be accessed in offline (without internet).



My Files
Oilseeds at a Glance
OlaCabs
PanPlanner
PayUmoney
Peel Smart Remote
Phone
PhotoMath