

AGROPEDIA DEMO - AGROID

MEETA BAGGA
IIT KANPUR



MOOC4D

massive open online courses
for development

MOOC on M4D 2013

Meeta Bagga

Agropedia labs
IIT Kanpur

What is Agroid

Agropedia on Android



Agriculture



Android 

Agroid

Appifying uasr.agropedia.in

Web

App

The screenshot shows the UASR agropedia website interface. At the top, there is a navigation bar with 'Home', 'Browse', 'Add', 'Content Index', 'Popular Tags', and 'Tired ! Lets Play'. A search bar is present. The main content area displays a document titled 'Mosaics of Brinjal and Management: Potato virus Y (PVY) Tobacco mosaic virus (TMV)'. The document includes a submission date of 'Submitted by Bheemanaagoud on Thu, 10/10/2013 - 12:44', a domain category of 'POP', and keywords like 'Potato virus Y (PVY)'. It also lists 'Agrotags' (Pepper Land Resources, Potatoes Sowing, Weeds Planting, Viruses Vegetables, Biological Phenomena) and 'Crop names' (Brinjal). The document type is 'Text Image'. A 'Symptoms' section is visible, starting with 'Mosaic mottling of leaves and stunting of plants are the characteristic symptoms of potato virus Y...'. A small image of a plant is shown at the bottom of the document.

The screenshot shows the UASRaichur mobile app interface. At the top, there is a status bar with the time '14:04' and 'Last Update 29/10/2013'. Below that is the app logo and name 'UASRaichur'. The main interface features three navigation buttons: 'Search', 'Browse', and 'Bookmark'. A search bar is located below these buttons with the placeholder text 'Enter search text here...' and a 'Search' button.

Recent Document

Mosaics of Brinjal and Management: *Potato virus Y (PVY) Tobacco mosaic virus (TMV)*

Symptoms:

- Mosaic mottling of leaves and stunting of plants are the characteristic symptoms of potato virus Y.
- Mosaic symptoms are mild in early stages but later become severe.
- Infected leaves are deformed, small and leathery.
- Very few fruits are produced on infected plants.
- The important symptom produced by tobacco mosaic virus is conspicuous mottling of leaves. Leaves also develop blisters in advanced cases.
- Severely infected leaves become small and misshapen. Plants infected early remain stunted.

PVY is easily sap transmitted. It is transmitted in the field through aphids, *Aphis gossypii* and *Myzus persicae* and perpetuates on weed hosts like *Solanum nigrum* and *S. xanthocarpum*.

Appify



Why do we need an App?

- Offline Access
- Low/ No Connectivity Areas



- Content is in Read Only format
- Content (As of Oct 2013)
 - Videos : 33
 - Images : 1200+
 - Data sits on a SD card, in this case 2 GB



Technology used

- Android Api – For App
- SQLite – For DataBase





Thank you

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