

Climate

Get real-time, location-based weather updates and alerts for rainfall, temperature changes, and extreme conditions to help protect your onion crop at every stage.



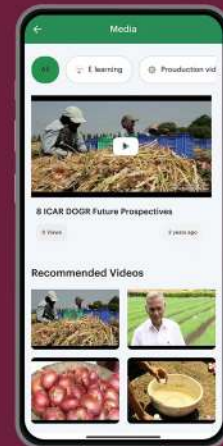
Market

Stay updated with live APMC mandi prices, compare markets, and track trends to choose the best time and place to sell your onions.



Advisory

Receive expert crop guidance from ICAR-DOGR through simple text and videos, covering all stages from sowing to storage.



Crop Calendar

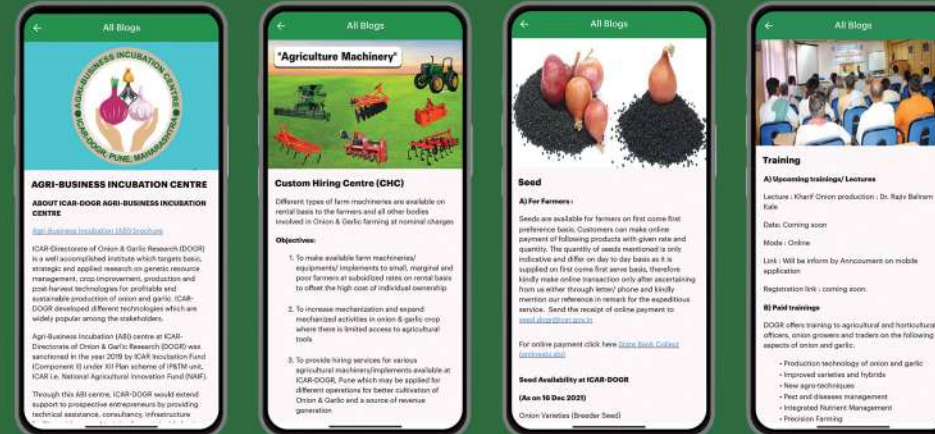
Get a personalised schedule of farm activities based on your sowing date, ensuring every operation is done at the right time for better yield.



Gateway to ICAR-DOGR Services

The app connects you to on-campus services of ICAR-DOGR

- Agri-Business Incubation
- Custom Hiring Centre
- Seed Supply
- Farmer Trainings



Scan to download Onion Crop Advisor on Google Play Store



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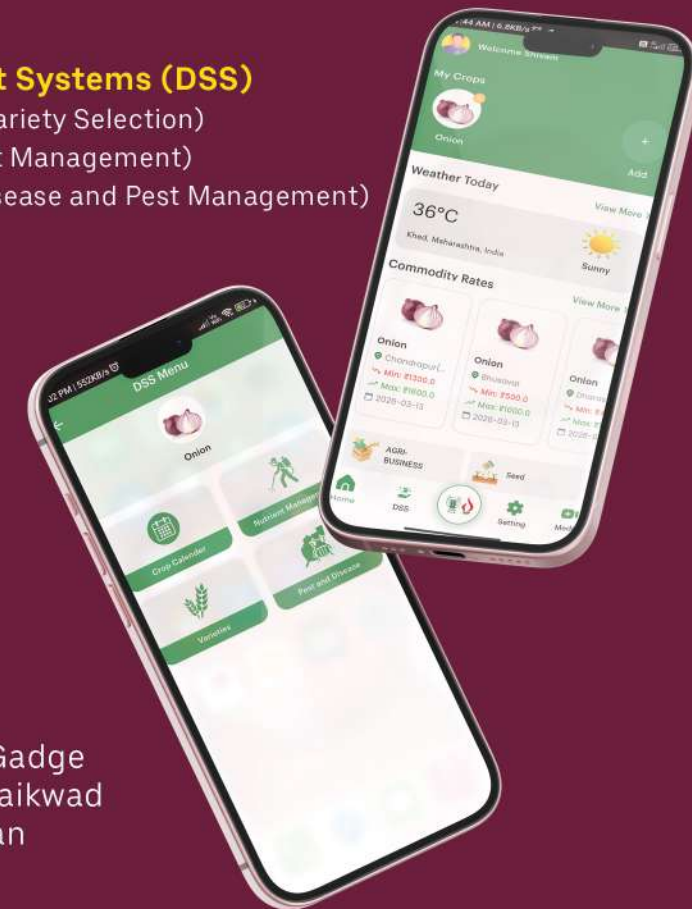


Onion Crop Advisor

Smart Decisions for Successful Onion Farming

Decision Support Systems (DSS)

- Smart Onion (Variety Selection)
- ONDSS (Nutrient Management)
- ODPAdviser (Disease and Pest Management)
- Crop Calendar



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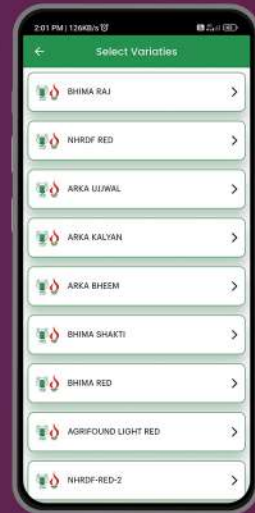


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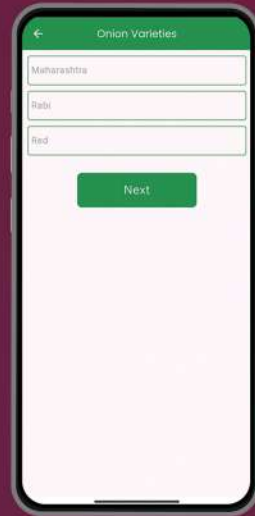
Smart Onion: DSS for selection of Suitable Variety

Choosing the right onion variety is important for a good harvest. Smart Onion helps farmers select the best variety based on their farming conditions.

Smart Selection: Recommends suitable onion varieties based on key factors location, growing season (*kharif*, *late kharif*, *rabi*), and bulb color preference.



Better Decisions: In the final result, the app displays complete details of the selected onion variety, including photos and key characteristics. Farmers can view important information such as color, season suitability, region, yield, maturity, and storage capacity, helping them better understand the variety and make informed decisions.



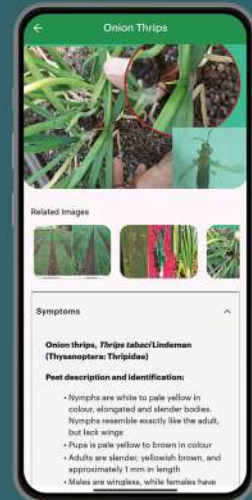
Available Options: It provides a list of the most suitable and high-performing options of varieties specific to your location, helping farmers make the right choice for better yield and market success.



ODPAdviser: DSS for Pest & Disease Management

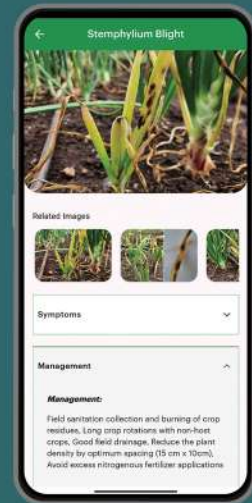
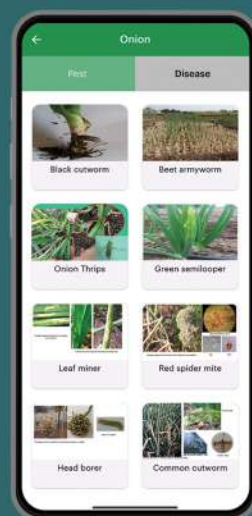
Pests and diseases can greatly reduce onion yield. ODPAdviser helps farmers quickly identify problems and take the right action.

Easy Identification: In the DSS, pests and diseases are listed separately for easy navigation. Farmers can quickly browse through images of common pests and diseases, making identification simple and efficient.



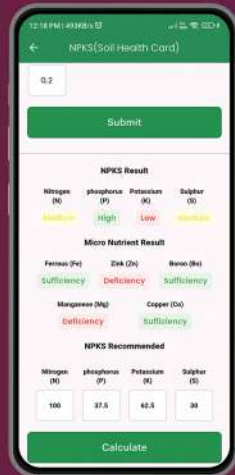
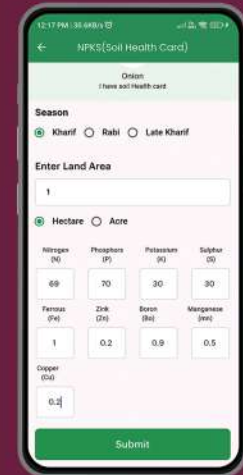
Easy Diagnosis: Farmers can easily identify pests by comparing symptoms on their crops with clear images and descriptions provided in the app. This helps in quick and accurate diagnosis directly in the field. Farmers can compare crop symptoms with photos and descriptions of major onion pests and diseases in the app.

Management Advice: The app provides clear and practical management advice, helping farmers control pests and diseases using recommended practices and proper treatments.



ONDSS: DSS for Balanced Nutrient Management

Balanced fertilization is essential for healthy onion crops. ONDSS helps farmers apply the right nutrients based on crop and soil needs.



Fertilizer Calculator: Calculates the correct fertilizer dose based on source, application method, and field area.

Scientific Guidance: Uses soil health information and onion nutrient requirements.

Deficiency Diagnosis: Helps identify nutrient deficiency symptoms and provides proper management advice.

