



“Prarambh”

Merging Innovation with Entrepreneurship



Compiled & Edited By

Dr. Rajiv B. Kale

Dr. Kalyani Gorrepati

Dr. Bhushan Bibwe

Dr. Rajkumar Dagadkhair

Dr. Rohini Bhat

Dr. Vijay Mahajan



AGRI-BUSINESS INCUBATION CENTRE
ICAR-Directorate of Onion and Garlic Research
Rajgurunagar, Pune-410505 (MS)





ABOUT AGRI-BUSINESS INCUBATION CENTRE ICAR-DOGR, Pune

ICAR-Directorate of Onion & Garlic Research (DOGR) is a well accomplished institute which targets basic, strategic and applied research on genetic resource management, crop improvement, production and post-harvest technologies for profitable and sustainable production of onion and garlic. ICAR-DOGR developed different technologies which are widely popular among the stakeholders.

Agri-Business Incubation (ABI) centre at ICAR-Directorate of Onion & Garlic Research (DOGR) was sanctioned in the year 2019 by ICAR Incubation Fund (Component II) under XII Plan scheme of IP&TM unit, ICAR i.e. National Agricultural Innovation Fund (NAIF). Through this ABI centre, ICAR-DOGR would extend support to prospective entrepreneurs by providing technical assistance, consultancy, infrastructure facility, guidance and training for sustainable business establishment.

Objectives

Objectives

1

To provide incubation facility and technical assistance for Agri-Business development

2

To scale up the technologies in collaboration with stakeholders

3

To impart training and capacity building to prospective entrepreneurs in Agribusiness ecosystem

Services offered

01

Office & Lab
space

02

Consultancy
services

03

Capacity
building
and
training

04

Industrial
connects

05

Business
facilitation

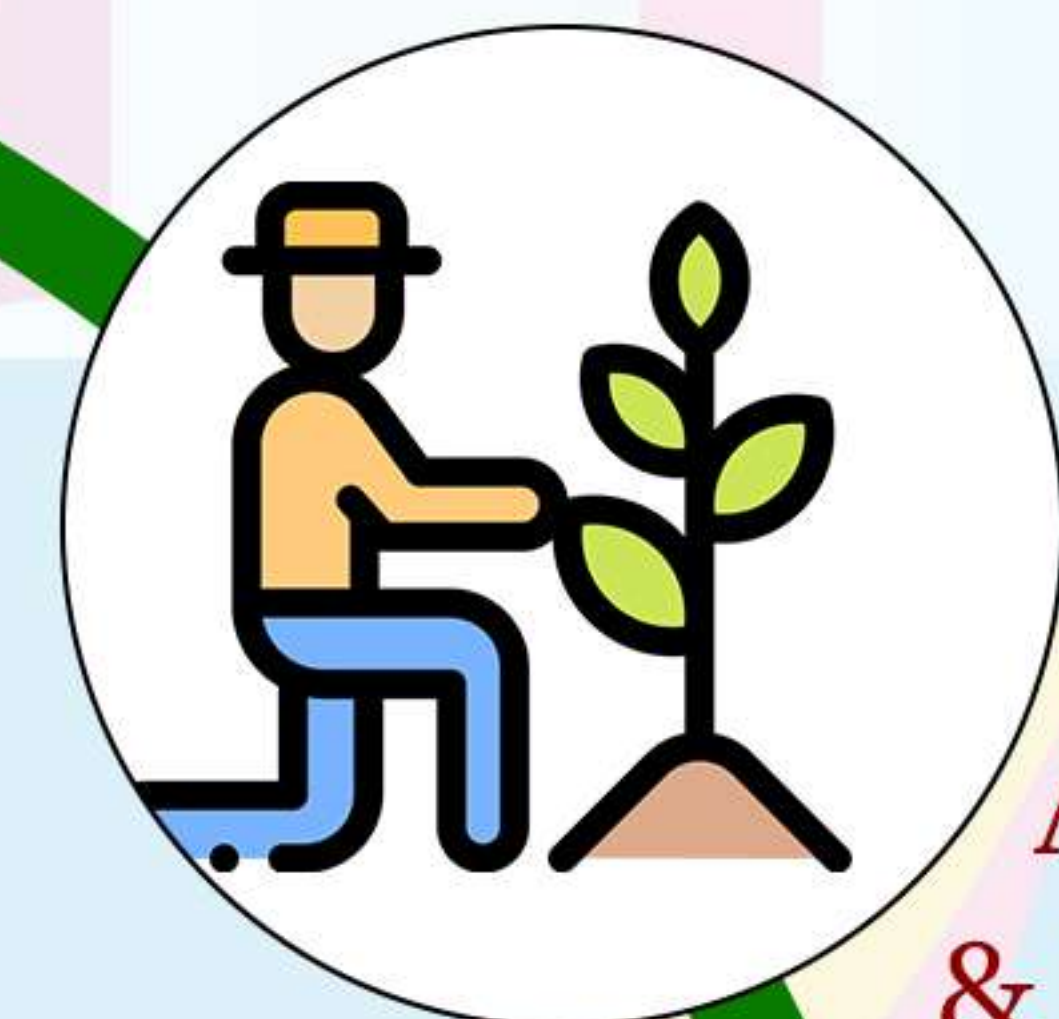
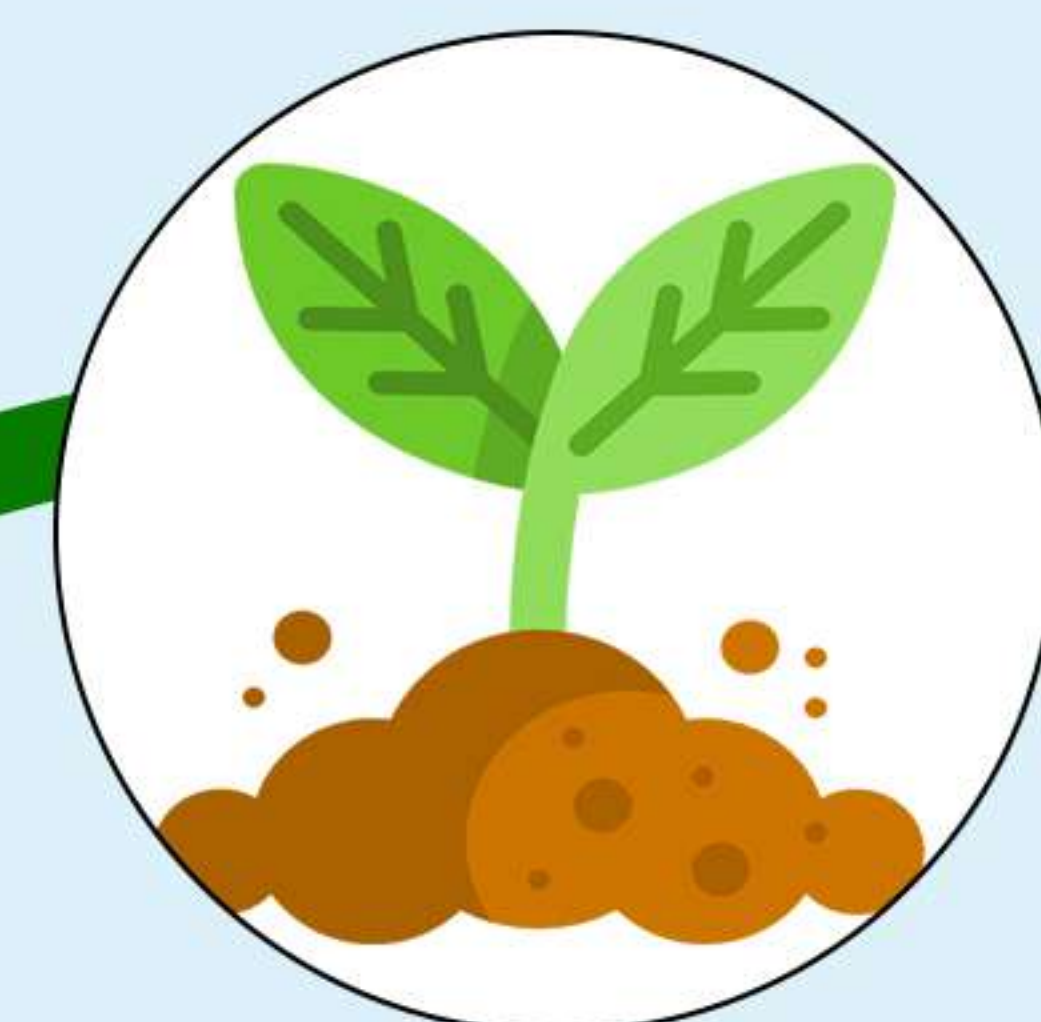
06

Scientific
Services

WHO CAN APPLY ?



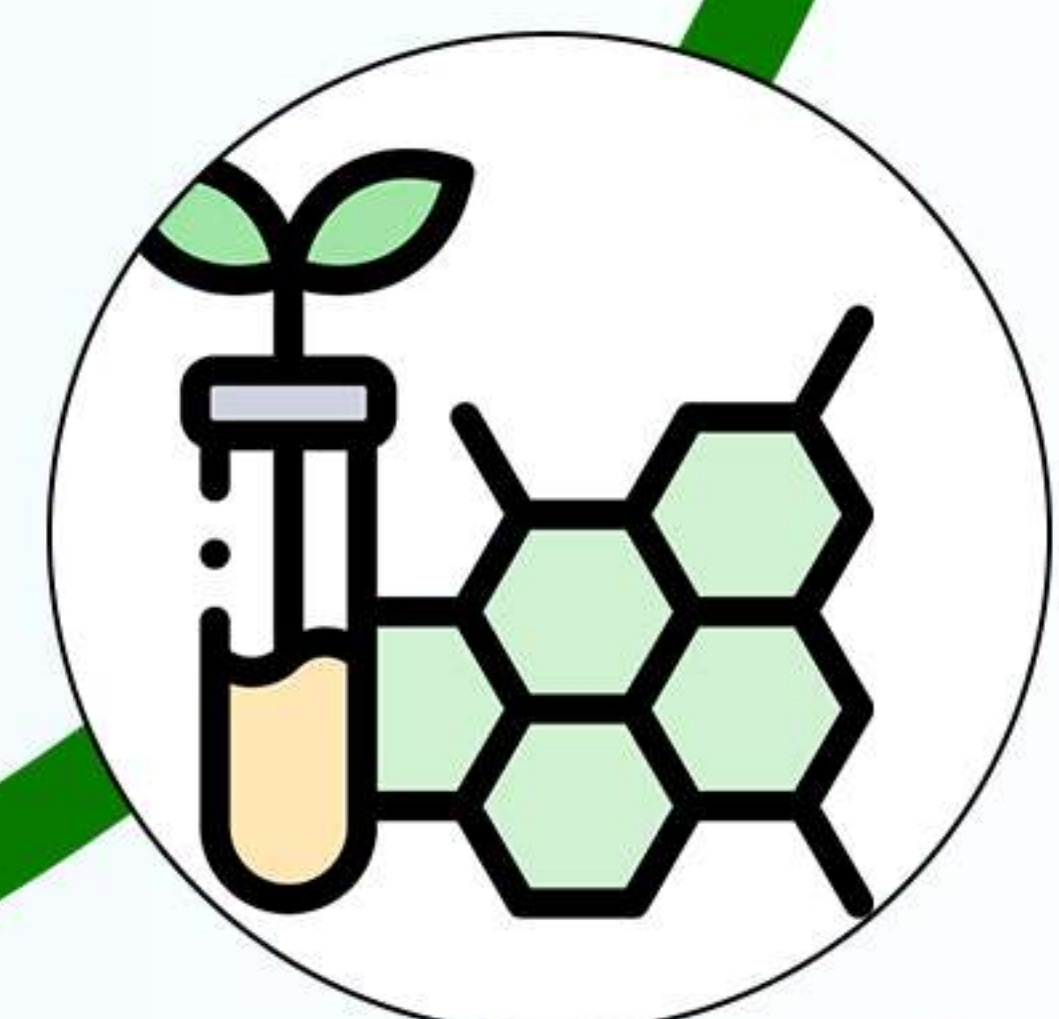
Organic & Precision Farming



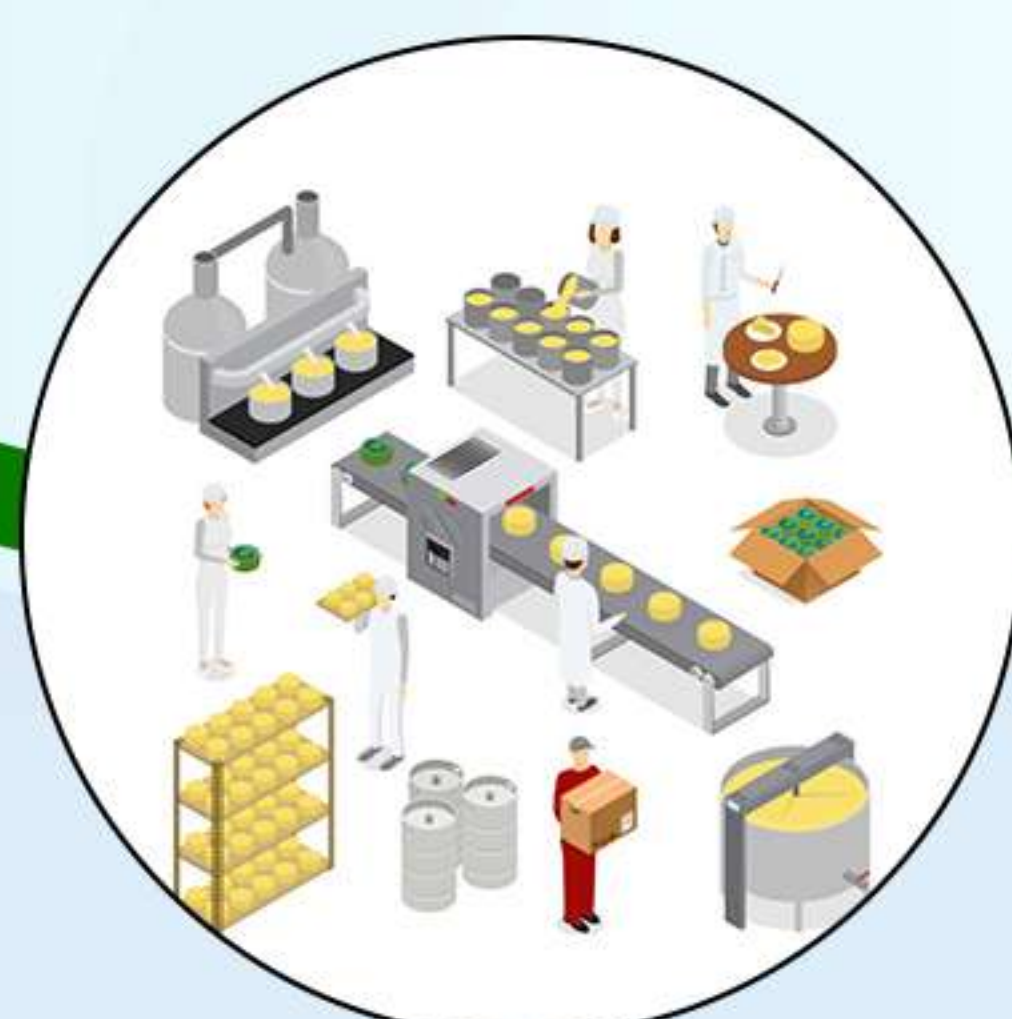
Agri Clinics
& Farm Health
Services



Agricultural
Supply Chain



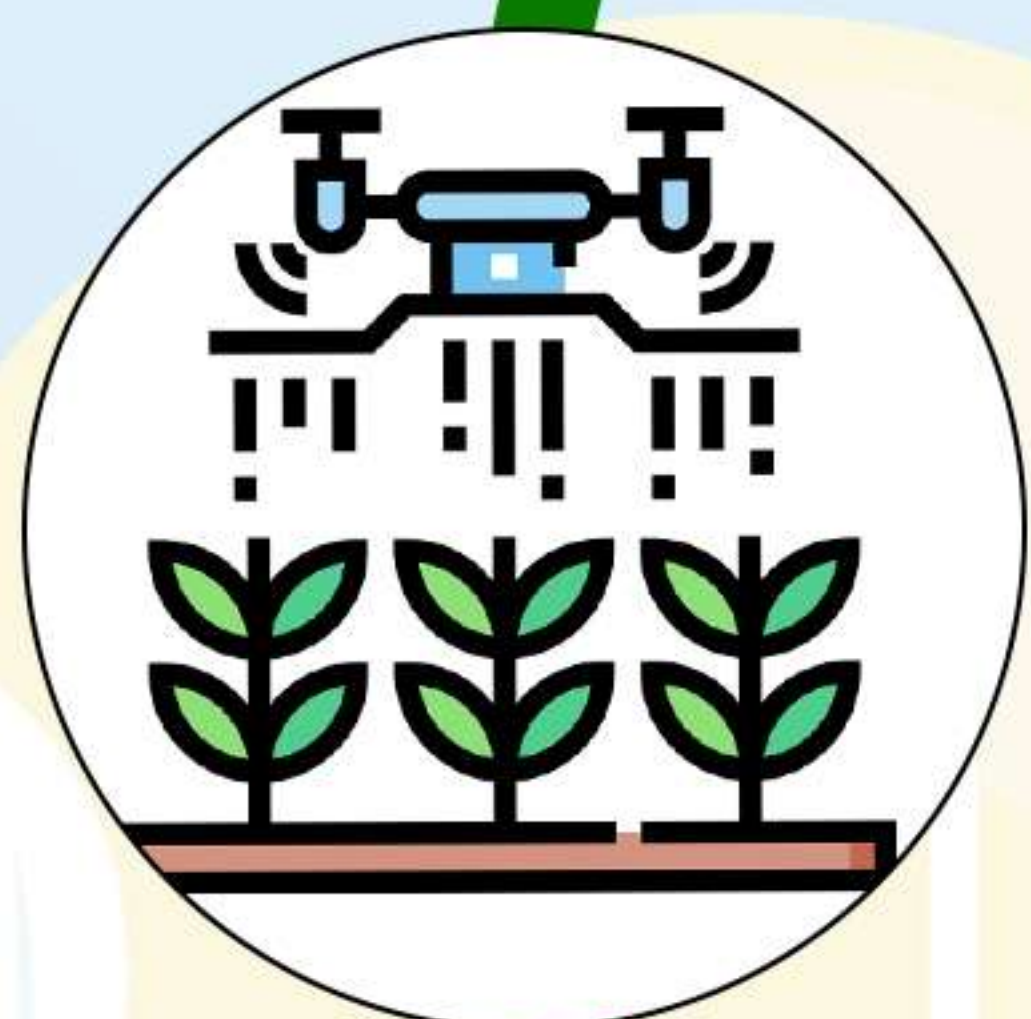
Agricultural
Biotechnology



Post-Harvest management
& Food Processing



Agriculture
Engineering



Agricultural
Ext Education



IoT & ICT
in Agriculture

Networking

NET- WORK- ING

Networking will be provided for ensuring the viability of the firm and helping in getting entry into the market.

Assistance for securing various grant schemes with different government agencies.

Regular functional support will be provided to the entrepreneurs during the process of incubation.

Advices and guidance for Branding, Certification and Marketing will be provided.

Graduation



The entrepreneurs have been able to tie up investors to finance the expansion



Expiry of the period specified in the license agreement



The revenue stream of the company is adequate for self-sustenance



The entrepreneurs have sold the venture to a larger company

TECHNOLOGIES OF ICAR-DOGR FOR COMMERCIALIZATION

ONION & GARLIC VARIETIES

ICAR-DOGR has developed ten onion and two garlic varieties based on genetic improvement and selection process, the varieties are released at national level. More than 100 companies have taken non-exclusive license for seed production and marketing of onion varieties developed by ICAR-DOGR and are running the businesses successfully.



Bhima Light Red
(Season: *Rabi*)



Bhima Dark Red
(Season: *Kharif*)



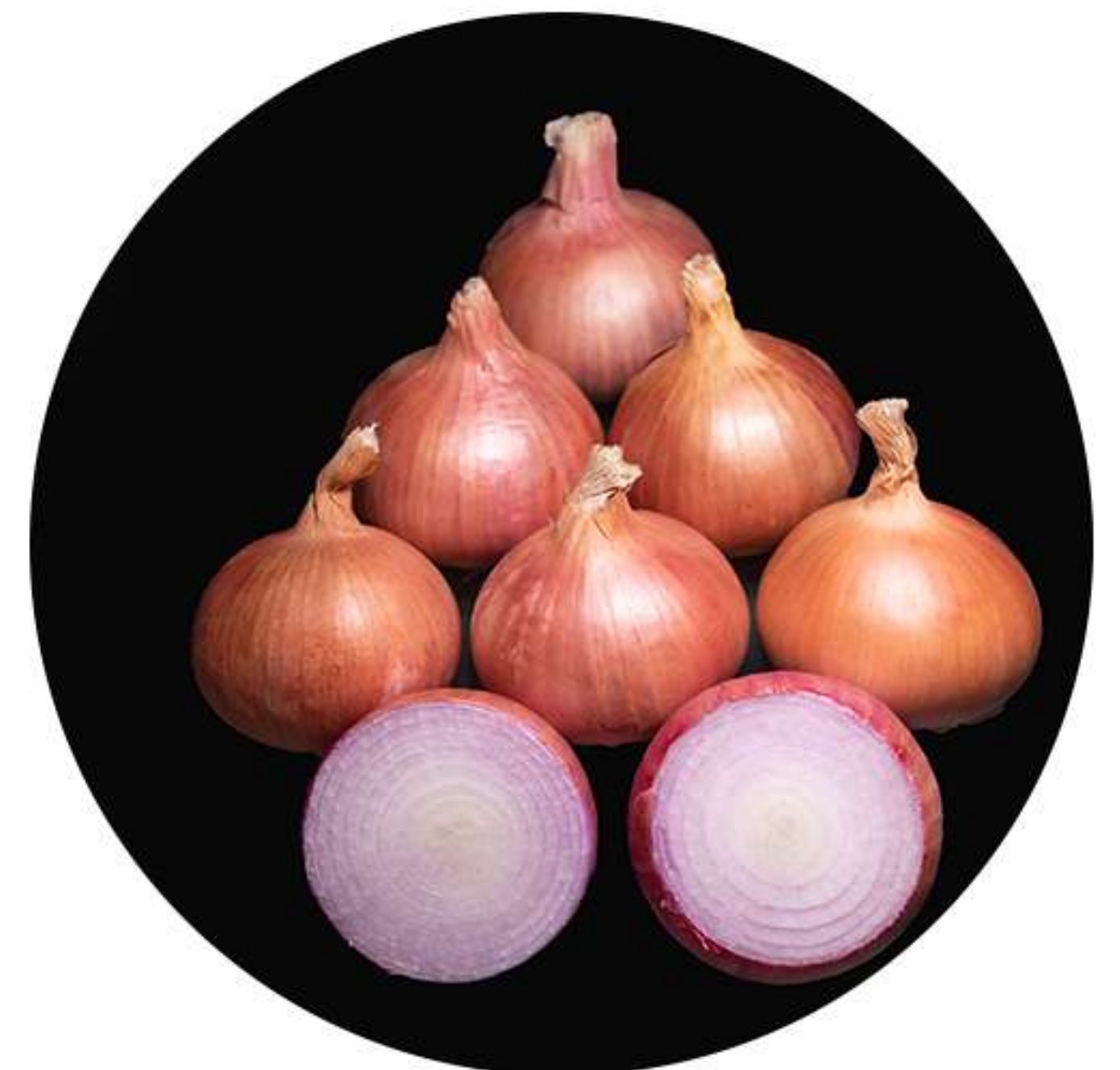
Bhima Raj
(Season: *Kharif, Late Kharif and Rabi*)



Bhima Red
(Season: *Kharif, Late Kharif and Rabi*)



Bhima Super
(Season: *Kharif and Late Kharif*)



Bhima Kiran
(Season: *Rabi*)



Bhima Shakti
(Season: *Late Kharif and Rabi*)



Bhima Shweta
(Season: *Kharif and Rabi*)



Bhima Shubhra
(Season: *Kharif and Late kharif*)



Bhima Safed
(Season: *Kharif*)



Bhima Omkar
(Season: *Rabi*)



Bhima Purple
(Season: *Rabi*)

Licensing of the varieties

Incubatees interested in seed business can get the license of all the onion varieties developed by ICAR-DOGR, Pune by signing an MoU (Memorandum of Understanding) with the institute and depositing a licensing fees as decided by the institute.

Technologies Developed by ICAR-DOGR



ONION GRADERS

Hand operated as well as motorized onion graders have been developed by ICAR-DOGR. One company has taken a non-exclusive license for manufacturing and marketing of motorised onion grader and is successfully running the business.



TRADITIONAL ONION STORAGE STRUCTURE

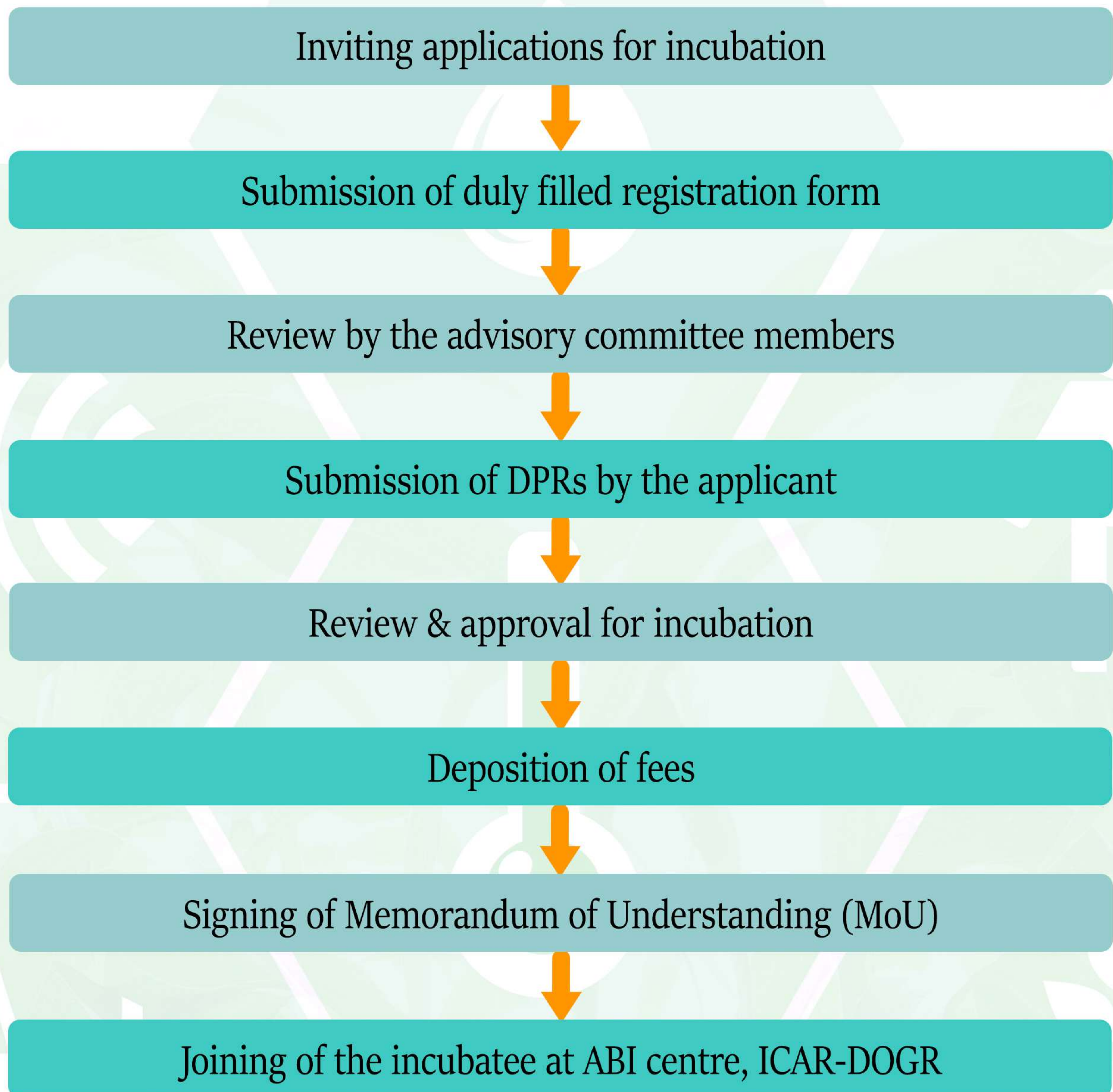
ICAR-DOGR developed bottom and side naturally ventilated onion storage structures have been widely adopted in Maharashtra for storage of onion. Also, Maharashtra State Government provides subsidy for construction of these structures.



CONTROLLED ONION STORAGE STRUCTURE

ICAR-DOGR along with Kala Biotech Pvt. Ltd. has built a controlled onion storage structure. It is useful in counteracting onion damage by controlling temperature, humidity, and ventilation. An exclusive license has been given to Kala Biotech Pvt.

Selection Process for Incubation



Fee Structure

Registration Fee
Rs.5000/- (One Time Deposit)
Charges for Incubation

Rental
Rs. 5000/- (Per Month)
Charges for Work Space and Infrastructure

Contact

Dr. Vijay Mahajan
Director,
ICAR-Directorate of Onion and Garlic
Research, Pune-410 505 (MS), India.
Email- director.dogr@icar.gov.in
Phone: (02135)-222026, 222697
Fax: (02135) -224056
Website: <https://dogr.icar.gov.in>

Dr. Rajiv B. Kale,
Senior Scientist (Agri. Extension)
Project Investigator,
Agri-Business Incubation Centre,
ICAR-Directorate of Onion and Garlic
Research-Pune-410505 (MS), India.
Email- abi.dogr@icar.gov.in /
rajiv.kale@icar.gov.in
Mobile No- 9521678587