





Institute Technology Management Unit
ICAR- CENTRAL ISLAND AGRICULTURAL RESEARCH INSTITUTE
(Indian Council of Agricultural Research)
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Notification
TECHNOLOGY FOR COMMERCIALIZATION

Institute Technology Management Unit of ICAR-Central Island Agricultural Research Institute is inviting applications from entrepreneurs/cooperatives/Self Help Groups/NGOs to take up the following technology for mass production on business mode. Upon registration, the details of technologies will be shared with the parties through terms and conditions as per ICAR procedure.

1.	Name of the Technology	Dweep vertigrow (Structure for high value leafy vegetable/herbs/ornamental plants)
2.	Application/Use of Technology	<ul style="list-style-type: none">• Year round cultivation of high value leafy vegetables.• Establishment of kitchen/terrace garden in limited areas• Efficient use of water, nutrients and space• Growing ornamental plants/orchids of high aesthetic value
3.	Description	Dweep vertigrow, a vertical farming model for growing leafy vegetables in kitchen/terrace garden with a spatial coverage of 5 m ² which can accommodate 100 pots and one tray (2 m ²). This has the provision for soilless cultivation, rain protection and rainwater harvesting. The system is suitable for growing palak, coriander, mint, lettuce, spring onion and other herbs besides aesthetic orchids/ornamental plants.

		
4.	Input requirement for the commercialization of the technology	Vertical iron frame, PVC pipes, UV film, tray, plastic pots and growing media
5.	Output capacity of commercial product, if applicable	Biomass yield of 7.0-10.0 kg of leafy vegetable could be obtained from each harvest (35 days).
6.	Unit Cost	Technology cost: Rs. 30,000/-

The interested parties can send the mail to itmu.ciari@icar.gov.in or contact to the undersigned on or before 16.09.2022



(T. Sujatha)
Sr. Scientist & I/c ITMU