

## **ON-SITE READY TO FRUIT (RTF) BAG PRODUCTION INCUBATION AT ICAR-IIHR, HESARAGHATTA, BENGALURU**

ICAR-Indian Institute of Horticultural Research, Hesaraghatta, Bengaluru, Karnataka is a premier horticultural institution in the country. It has state of the art End to End infrastructure and scientific expertise for Mushroom spawn (seed) production, Mushroom cultivation of Oyster, Milky, king oyster, shiitake and other lesser known species, processing and value addition, mushroom mechanization and training. The 'Ready to Fruit' (RTF) Bag technology developed at ICAR-IIHR addresses to bring mushrooms to every rural and urban home; the joy of growing their own mushrooms where there is space, skill and resource constraints. The RTF bag production unit comprises of a straw storage, straw cutting, straw soaking, mixing and bag filling shed, sterilization chamber, inoculation chamber and incubation or growth chamber. Machinery required will be motorized chaff cutter to cut straw, ICAR-IIHR designed multifuel boiler with chamber for sterilization. The RTF bags produced by the incubatees in the ICAR-IIHR incubation center can either be sold to urban and rural homes for home production or can be extended into the cropping phase at the incubatees own facility and the harvested mushrooms can be sold. ICAR-IIHR can help in market linkages through necessary information, linkages and contacts if any. The incubation facility at ICAR-IIHR at present is open to the entrepreneurs who have undergone mushroom cultivation training at ICAR-IIHR as on-site trainees.



**MUSHROOM INCUBATION FACILITY**



**STERILIZATION ROOM**



**Incubation facilities available:**

<b>Sl.No.</b>	<b>Name of the facility</b>	<b>Function/ utility</b>	<b>Maximum capacity</b>
1	Chaff cutter	To cut paddy straw into pieces	500 kg per day
2	Autoclave for sterilization	To sterilize 1kg bags @ 30-35 bags per cycle	3 cycles per day Maximum 100 bags (1kg wet substrate) can be sterilized per day with in institute's working hours (Max. 8 hours)
3	Incubation room	To incubate the sterilized and spawned bags	Bag hanging system can hold 500 bags (1kg wet substrate) maximum in the incubation room
4	Cropping room	To keep incubated bags for mushroom cropping	<b>NOT AVAILABLE</b> Incubatees to take the incubated bags to keep them in their own cropping room

## Fee structure for RTF bag production Incubation facility at ICAR-IIHR

S. No.	Particulars*	Charges to be paid by incubatee	Terms and Conditions
1	Membership fee	Rs 5000	Non-refundable Validity period-1 year, Thereafter Rs 2500/- every year.
2	Caution deposit	Rs 10000	Refundable, Validity period-till the time of final exit from incubation
3.	Rental Fee		As per the option chosen by the incubatee
4.	Scientific advice for mentoring	No Fee	One-hour session for two days are not charged Afterwards, Rs.1000 per hour will be charged <b>Note: The scientific advice time will be provided as per the availability of the mentor and prior appointment basis</b>

### For more information contact

Horticultural Technology Management- Business Planning & Development Unit,  
Indian Institute of Horticultural Research, Hessaraghatta lake Post,  
Bengaluru 560089.

Email: [bpd.iihr@icar.gov.in](mailto:bpd.iihr@icar.gov.in)

Contact no: 080 23086100 Extn-431