

Ripening Chamber

Utility

It is Suitable for ripening of fruits like banana, mango and papaya using ethylene gas under controlled conditions of temperature and relative humidity.



Specifications & Performance results		
Power source	:	1.5 kW, Electrical power
Capacity, tonne of fruits/ batch	:	1 (in 4-5 days)
Cost, Rs.	:	2.00 lakh approx. (including ethylene generator)
Material of construction	:	EPE foam sheets and twin wall PC sheets as insulating wall material
Air conditioner capacity		1 TR
Temperature maintained °C	:	18±1
Relative humidity, %	:	90
Cost of ripening, Rs/t	:	3000/-

Benefits over conventional/traditional practices

- Safe and hygienic practice leading to better quality and shelf-life of ripened products

Design: ICAR-CIAE, Bhopal

Commercialization Status: Commercialized

Contact:

- M/s Anand Hitech Solution, Bhopal, Ph No.: 7566588755, 7566955499.
- M/s. Trigon Property Management Services (P) Ltd., New Delhi
- Director, ICAR-CIAE, Nabi Bagh, Berasia Road, Bhopal 462038, Tel: 0755-2521134; Email: directorciae@gmail.com