

Post-Harvest Engineering and Value Addition

Description of technology	Spray-drying of Passion Fruit
Area of application:	Food Processing Sector
Equipment required	Lab Spray Drier, Homogenizer
Space requirement	400 sq. ft.
Plant set up cost	8 lakhs (for equipments and utensils)
Raw material and production cost Raw material	Passion fruit juice
Production cost	Rs. 60/- per 100 g of powder
Risks/opportunities involved in adopting the technology	Without proper packaging facility the technology will not be successful. On the other hand, passion fruit powder has not yet been launched in the market that indicates a bright scope for the said product.
Cost of available alternate technologies to similar products	No alternative technology has been developed
Expected cost of technology	As per institute norms
Details of benefits of the technology / process developed	The storage and transport facility in North East India particularly in Manipur is very poor. Therefore, the technology has been developed to convert the passion fruit juice in to powder. The powder is easy to pack, easy to transport, and has longer shelf life and less chance of contamination.



The technology will be more viable in North East India where main raw material i.e. passion fruit is easily available in large quantity.