

**GOVERNMENT OF INDIA  
FOOD PROCESSING INDUSTRIES  
LOK SABHA**

UNSTARRED QUESTION NO:2946  
ANSWERED ON:27.08.2013  
PACKING OF FRUITS  
Rane Dr. Nilesh Narayan

**Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:**

- (a) whether the Central Food Technology Research Institute has prepared any report regarding testing and packing of mangoes, cashewnut and other fruits in Ratnagiri and Sindhudurg districts of Maharashtra;
- (b) if so, the details thereof;and
- (c) the reaction of the Government thereto?

**Answer**

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES (DR. CHARAN DAS MAHANT)

- (a) to (c): The Council of Scientific and Industrial Research-Central Food Technological Research Institute (CSIR-CFTRI) had undertaken a project during 1994-1995 for the export of mangoes variety Alphonso from Ratnagiri and Sindhudurg districts of Maharashtra, by ship to Dubai by adopting the laboratory developed technology protocols. The technology protocols developed by CSIR-CFTRI involves the following: (a) Pre-harvest technology protocols include spray schedule of fungicide/ pesticide to avoid anthracnose and other infestations, pre-harvest orchard management care alongwith fruit fly trap, harvest maturity for transshipment, method of harvesting and method of desapping of mangoes,
- (ii) Post-harvest technology protocols include treatment protocols, design and development of packaging boxes and their specifications, method of packing of mangoes in the box, unitization, pelletization and loading on to reefer container,
- (iii) Specification for transshipment management of mangoes includes temperatures and humidity management and air recycling rhythms and
- (iv) Post ship management of mangoes includes method of ripening of mangoes and their specifications. A technical report was prepared on the pre- and post-harvest technology protocols of mango variety Alphonso and submitted to Agricultural Marketing Board, Pune.