

GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO-2247**  
ANSWERED ON - 20/03/2025

**RADIATION–BASED FOOD PRESERVATION**

2247. SHRI BHUBANESWAR KALITA

Will the PRIME MINISTER be pleased to state:-

- (a) whether any Memorandum of Understandings made with public/private enterprises and/or commercial facilities brought in service for food preservation using radiation-based hurdle technology; and
- (b) if so, the details thereof?

**ANSWER**

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND  
PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH)

- (a)&(b) Yes. The irradiation technology has been transferred to private entrepreneurs for commercialization for food preservation. Presently 37 Gamma Radiation Processing Plants are operational in the country in private, cooperative, semi government and government sector, out of which 21 plants are capable of carrying out radiation processing of agricultural/food products. List of 21 plants is enclosed in **Annexure**.

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**ANNEXURE****DETAILS OF RADIATION PROCESSING PLANTS CAPABLE OF FOOD PRESERVATION**

<b>Sr. No.</b>	<b>Name and Location</b>
1	M/s Organic Green Foods Ltd, Dankuni, Kolkata, West Bengal
2	Mis Gamma Agro Medical Processing, Hyderabad, Telangana
3	M/s Jhunsons Chemicals Pvt Ltd, Bhiwadi, Rajasthan
4	M/s Innova Agri Bio Park Ltd., Malur, Dist. Kolar, Karnataka
5	M/s Hindustan Agro Co-Operative Ltd., Rahuri, Ahmednagar, Maharashtra
6	M/s Impartial Agro Tech (P) Ltd., Unnao, Lucknow, Uttar Pradesh
7	M/s Gujarat Agro Industries Corpn. Ltd, Bavla, Ahmadabad, Gujarat
8	M/s Maharashtra State Agricultural Marketing Board (MSAMB), Vashi, Navi Mumbai, Maharashtra
9	M/s Aligned Industries, Dharuhera, Haryana
10	M/s Avantee Mega Food Park Pvt. Ltd, Indore, Madhya Pradesh
11	M/s Electro Magnetic Industries, Vadodara
12	M/s Pinnacle Therapeutics Pvt. Ltd, Vadodara
13	M/s Jamnadas Industries, Indore, Madhya Pradesh
14	M/s Solas Industries, Mathura, Uttar Pradesh
15	M/s Microtrol Sterilisation Services Pvt. Ltd., Baval, Haryana
16	M/s AV Gamma Tech LLP, Ambernath, Maharashtra
17	Deptt. of Agricultural Marketing and Agri Business (DAMAB), Krishnagiri, Tamil Nadu
18	Infrastructure Development authority, Patna, Bihar
19	M/S LION FOODS PVT. LTD., Gir Somnath, Gujarat
20	Radiation Processing Plant, Vashi, Maharashtra (DAE facility)
21	KRUSHAK, Lasalgaon, Naskik, Maharashtra (DAE facility)