

## **Radiation Processing Plant for Agro & Food Products at Bavla, Dist. Ahmedabad**

GAIC Ltd has proposed to set up of 1000 kCi-Cobalt Radiation Plant for Fruits and Agro Products at Bavla, Dist. Ahmedabad with following unique features.

1. Radiation Process is a cold process and therefore unlike heat,, it can be used on agricultural commodities without changing their fresh like character.
2. Radiation Processing does not alter significantly nutritional value, flavor, texture and appearance of food.
3. Irradiation is necessary for
  - 1) inhibition of sprouting
  - 2) disinfection
  - 3) decontamination and
  - 4) Extension of shelf life.
4. These facilities are environment friendly and are safe to workers and public around.
5. Due to highly penetrating nature of the radiation energy, it is a very effective method.
6. Split Source type capable to irradiate low dosage like onion and high dosage like dehydrated onion - Dose range 0.03 KGY to 10 KGY
7. Products: Potato, Onion, Mango, rice, Wheat and Wheat products, Pulses, Spices, dry processed foods etc can irradiate

Gamma Irradiation processing plant is set up to accelerate exports of Kesar and Alphonso Mango from Gujarat to USA and also irradiate Agro and food products of Gujarat.

The Project is implemented under RKVY scheme.