

Radiation Processing Services
At
KRUSHAK, IRRADIATOR, Lasalgaon ,
Lasalgaon –Kotamgaon Road, Tal: Niphad , Dist :Nasik
Phone / Fax : (02550) 267398

Order Form for Radiation Processing

A. (To be filled in by the customer)

Customer registration No.....

Date.....

From Organization :

.....

Address :

.....

.....

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To,
The Plant in-Charge,
KRUSHAK , IRRADIATOR, Lasalgaon ,
Lasalgaon –Kotamgaon Road, Tal : Niphad , Dist :Nasik

Dear Sir,

Please process the following with gamma radiation at an average dose ofkGy.

Sr.No.	Description	Quantity Tons	in	No. of Packs	Batch / Lot No.

2. Packaging material :

.....

3. License No. Valid upto

4. Any other information :

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.....

We have read the terms and conditions listed overleaf, governing the radiation processing of the products covered by this order and we agree to be bound by the same.

Signature : _____

Telephone No. :

Name : Fax No. :

Designation : e-mail :

Organization Seal.

B. (To be filled in by KRUSHAK / Q.C. Remarks)

Date..... Time.....

(Accepted/ Rejected /If rejected, give brief reason)

Remarks

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Q.C. Officer

Part III:
C. (For Office Use)

Sr.No.	Description	No. of Standard Units	Charges/kg	Amount(Rs.)	
				Processing charges	Another charges
			Total Rs		

Note:

1. Kindly note that the charges indicated above are provisional and exact charges will be as shown in our invoice to be issued later:
2. Payment should be made by a crossed Demand Draft drawn in favour of Divisional Manager, MSAMB, Nasik and should be handed over to our office before the collection of processed products.
3. Products will be ready for collection on date//2011 after 1.00 p.m.

Date :

Signature :

TERMS & CONDITIONS FOR CUSTOMERS
RADIATION PROCESSING SERVICES AT
KRUSHAK , IRRADIATOR, Lasalgaon ,
Lasalgaon –Kotamgaon Road, Tal : Niphad , Dist :Nasik

(Irradiation of Mango, onion, dried onion powder)

1. For food products, you need to have a valid manufacturing license issued and endorsed for radiation processing by the respective competent authority under Rule 50 of the PFA Rules, 1955. Submit a photocopy along with original of the endorsed license. Original will be returned after verification
2. Exporters, in lieu of the above license, need to give an undertaking that entire consignment will be exported submit a photocopy of the valid export license along with original, which will be returned after verification.
3. It is preferred to have 25 kg of product (Onion Powder) per unit pack in cardboard box. The primary (inner) packaging should be heat-sealed which can be put into another packaging in units of say 25kg each. For Onion bulk packaging (40kg) in poly lined jute bags need to be machine stitched twice, at a gap of about three centimeters preventing any chances of leakage/ spillage of products. Products with strong odour such as pet feed of animal origin should be packed in packaging material with odour barrier property and heat-sealed.
4. In case of Export of Mangoes to USA The standard terms & conditions should be followed as per USDA approved SOP.
5. Before sending for radiation processing a unit pack should be sent for quality control testing and approval.
6. All unit packs should be clearly marked with organization's name, product name, weight and lot/ batch number, manufacturing date. Consumer packs should bear as per Rule 37Cof PFA Rules.
7. Delivery of product(s) to the plant shall be made by the customer after prior intimation and shall be collected back within 2 working days of completion of radiation processing. Unloading/ loading consignment from / into the truck will be customer's responsibility. Product will be handled in areas maintained in ambient temperature during transit storage and processing.
8. KRUSHAK reserves the right to refuse (a) unit packs received in damaged cognition, or (b) package integrity is inadequate, or (c) have an excessively high bacterial and fungal count indicating bad hygiene or (d) have high moisture content.

9. KRUSHAK reserves the right to open any unit pack to examine contents and remove sample for testing purposes; and undertake to reseal any pack so opened and to inform you about any sample removed.
10. A self-adhesive label, with GO-NO-GO radiation indicator button, on each unit pack – indicating name of the customer and product, date of registration and completion of Registration and completion of radiation processing will be affixed.
11. KRUSHAK guarantees processing of the product with gamma radiation dose specified by the customer & as per PFA`s approved dose range. Customer will be responsible for the quality, and suitability of product for its end use. We will not be liable for any third party risks arising from the use of radiation processed product(s). Please ensure that the products that are brought for radiation processing conform to relevant technological requirements, such as schedule 5, PFA act 1954 & Rules 1955, Atomic energy (control of irradiation of food) rules 1996 and not fumigated.
12. KRUSHAK is not responsible for any damage caused by gamma radiation to your product due to improper choice of product and its packaging.
13. The date of delivery indicated on your copy of order form is provisional. You are advised to contact us prior to the collection processed products from our premises.
14. Exporter/ Processor / Trader have to pay refundable interest free deposit Rs.2,00,000/- as a security to MSAMB which will carry no interest.

Avoid

- **HOOKS** for handling the product in gunny/paper PP bag before and after radiation processing.
- Secondary packaging is smeared with products such as powdered spices.
- Sending any product with high microbial load and moisture content (>12%) for radiation processing.
- Twine or rope for tying the inner pack, compromising on package integrity.
- Sending the product for radiation procession processing without labeling with customer and product identification.
- Hiring **TRUCKS/CONTAINERS** used for transporting coal, cement, oil sand etc.

**GAMMA RADIATION PROCESSING
CAN NOT MAKE A BAD CUALITY PRODUCT GOOD**

**KRUSHAK , IRRADIATOR, Lasalgaon ,
Lasalgaon –Kotamgaon Road, Tal : Niphad , Dist :Nasik**

Price list

Product	Dose	Charges per Kg /Box
Dehydrated onion product	6 - 10 kGy	Rs 4.50
Pet feed (T)	6 – 14 kGy	Rs. 5.00
Pet feed (P)	As per Customer requirement	Rs.10.00
Onion	60 – 90 Gy	Rs 1.00
Mangoes (forAlphonso,Kesar, langra,chousa, dashahari)	400-1000 Gy	Rs. 75.00 per box (of 3.4 kg gross weight)
Mangoes (for Banganpalli)	400-1000 Gy	Rs. 95.00 per box (of 4.2 gross weight)

(Note: In addition to above charges, unit charges of Rs. 4/- per bag will be charged for in-plant handling, labeling, and radiation indicator button. For Mangoes Rs. 1.00 per box will charge for in-plant handling, labeling, and radiation indicator button.)

**कृषक ,
कृषी उत्पादन संरक्षण केंद्र,लासलगांव**

कांद्याचे विकीरण करण्यापुर्वी व नंतर काय करावे व काय करू नये.

काय करावे (गरजेचे आहे)	काय करू नये (टाळावे)
<p>१)कांद्याचे विकीरण शेतातून काढल्यानंतर ३ ते ४ आठवडे कालावधीच्या आत करून घेणे गरजेचे आहे.</p> <p>२)कांदा काढल्यानंतर कांद्याची मान ३ ते ४ सें.मी.अंतरावरून कापावी.</p> <p>३)कांदा काढल्यानंतर शेतात ३ ते ४ दिवस चांगल्या मोकळ्या वातावरणात सुकवावा.</p> <p>४)कांदा विकीरणासाठी आणतांना त्यामध्ये सडलेले,उगवलेले,खराब व कोणत्याही प्रकारची इजा झालेले नसावेत याची खात्री करा.</p> <p>५)कांदा विकीरणासाठी आणतांना ४० किलोच्या बारदानाच्या बॅगेत भरावेत.</p> <p>६)कांदे बॅगामध्ये भरणी,वाहतुक आणि चढ-उतार करतांना कांद्याचे नुकसान होणार नाही किंवा कांदे फुटणार नाहीत याची काळजी घ्यावी.</p> <p>७)कांदे विकीरण केल्यानंतर बॅगासह चाळीमध्ये असे साठवून ठेवा की त्यांना पुरेशी हवा मिळेल व ते भिजणार नाहीत.</p> <p>८)इतर अन्नपदार्थ विकीरणासाठी आणतांना पॅकिंगमध्ये असणे गरजेचे आहे.</p>	<p>१)कांदे काढल्यानंतर ३ ते ४ आठवडयानंतर (उशिरा) विकीरणासाठी आणणे टाळावे.</p> <p>२)साठवणुकीत कांदे दडपुन ठेवणे,हवा न लागणे व कांदे पावसाने किंवा पाण्याने भिजणे हे टाळावे.</p> <p>३) कांद्याच्या बॅगाची हाताळणी हुकाने करणे टाळावे.</p> <p>४)विकीरण करण्यासाठी अन्नपदार्थ आणतांना मोकळे (लुज)आणणे टाळावे.</p>