

PACKAGING

Packaging:

Packaging varies as per export and domestic market

Export market

Usually packing of pomegranates for export purposes, a cardboard corrugated fibre board (CFB) box of 4.0 or 5.0 kg capacity is used.

Table 1: Packing box dimensions for export

Fruit Weight capacity	Dimensions (l x b x h in mm)
4 kg Box	375 x 275 x 100
5 kg Box	480 x 300 x 100



Table 2: Specification details for CFB Boxes for packing Pomegranates for Exports

	Ring & Flap Tuck in type	RSC (regular slotted container)	Slide type
Material of Construction	5 Ply CFB	3 Ply CFB	5 Ply CFB
Bursting strength kg/cm ²	Min 10	Min 10	Min 10
Puncture resistance, inches/tear inch	Min 250	Min 250	Min 250
Compression strength, kgF	Min 350	Min 350	Min 350

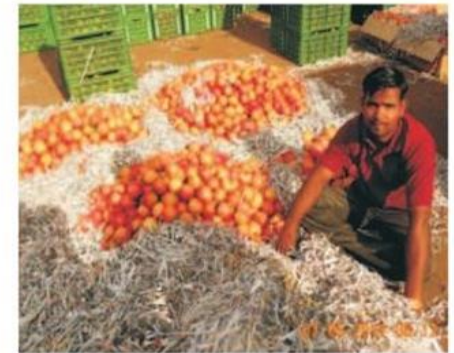


Packaging Boxes should contain following information:

1. Name of the produce
2. Variety
3. Origin of produce
4. Commercial specifications of class
5. Date of packing
6. Name of packing organization
7. Gross weight/ net weight
8. Number of fruits/ fruit size
9. Recommended storage temperature
10. Additional labelling requirement of importer should be included.



1 Graded fruits as per size



2 Paper shreds as cushion



3 Packaged fruits

Domestic markets

For domestic market, pomegranate is packed in CFB boxes having 4-5 kg of fruits, according to their weight.

The graded fruits are placed on cushioning material followed by an attractive red colour paper on the boxes. Boxes made up of light wood, bamboo basket are also used for packaging. Dry grass, rice straws, or paper are used as cushioning material at the bottom and top of box or basket. Up to 6 dozen fruits are packed in each basket for transport by trucks.

Dos

1. Use breathable packaging like mesh bags or perforated containers.
2. Protect from bruising with cushioning materials.
3. Keep cool with insulation or ice packs.
4. Provide essential information on labels.
5. Ensure cleanliness to avoid spoilage.

Don'ts

1. Use airtight packaging to prevent moisture buildup.
2. Use overcrowd packages to prevent bruising.
3. Keep into direct sunlight to avoid accelerated ripening.
4. Use rough surfaces to prevent abrasions.

General Guidelines for Stacking Pomegranates:

1.Box size and type

- **Standard cartons:** use strong, ventilated cartons or crates, typically designed for fruit transportation. Standard sizes can be around 40x30x20 cm, but sizes may vary.
- **Weight limits:** each box should typically hold between 10-15 kg of pomegranates to prevent overloading and crushing.

2. Stacking height

- **Pallet Stacking:** On pallets, stack the boxes in a way that ensures stability. Common practice is to stack 6-8 boxes high. The height can depend on the strength of the boxes and the stability of the pallet.
- **Avoid Over stacking:** Do not stack the boxes too high to avoid the risk of toppling and crushing the lower layers.

3. Palletization

- **Standard pallets:** Use standard pallets (e.g. 120x80 cm) to stack the boxes. Ensure that the load is evenly distributed.
- **Wrapping:** Use shrink wrap or strapping to secure the boxes on the pallets, ensuring they do not move during transport.

4. Spacing and Airflows

- **Ventilation Gaps:** Leave small gaps between the pallets and the walls of the transport vehicle to allow for proper airflow and ventilation.
- **Even Stacking:** Ensure that the boxes are evenly stacked to promote air circulation around the fruits.