



Irradiation Reporting and Accountability Database

Benebion

170 Benebion Sweet orange box ID 315

Configuration ID: 2495	Box: Benebion Citrus box ID 10
Commodity: Sweet Orange	Reference Location: *8A5 (60.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 92
Processing Speed: 1 m/s	Fruit Weight : 137 - 273 g
Maximum Box Density: 0.57 g/cm ³	Load Density: 0.45 g/cm ³
Box Weight (Min-Max): 17.52 - 20.24 kg	Target Dose: 150 Gy
	Rmin: 0.29 Rmax: 1.02
Stacking Description: 9 layers of 6 boxes base (4 boxes one side and 2 boxes the next side and last side 3 boxes wide and 3 boxes deep, and 9 boxes high) = 54 boxes total	
Comments: Telescopic cardboard boxes with fruit packed, the pallet is covered with a large mesh bag Partial pallets not allowed	
Approved by: Marco Bautista (05/16/2020)	

Configuration Images





Targeted Pests

Pest Name	Common Name	Minimum Dose
1. <i>Tephritidae Anastrepha ludens</i>	Mexican fruit fly	150
2. <i>Tephritidae Anastrepha spp.</i>		150

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