



# Irradiation Reporting and Accountability Database

## Benebion

### 181 Benebion Tangerines box ID 068

Configuration ID: 2507	Box: <a href="#">Citrus box 43 cm long</a>
Commodity: Mandarin (Tangerine)	Reference Location: *8A5 (59.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 134
Processing Speed: 1 m/s	Fruit Weight : 88 - 163 g
Maximum Box Density: 0.58 g/cm <sup>3</sup>	Load Density: 0.44 g/cm <sup>3</sup>
Box Weight (Min-Max): 15.43 - 17.98 kg	Target Dose: 150 Gy
	Rmin: 0.33 Rmax: 1.03
<b>Stacking Description:</b> 6 layers of 9 boxes base (4 boxes in one side, the next side 2 boxes, and the last 3 boxes) = 54 boxes total.	
<b>Comments:</b> Entire pallet is covered with a large mesh bag Partial pallets not allowed	
Approved by: Marco Bautista (11/14/2020)	

### 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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