



# Irradiation Reporting and Accountability Database

## Benebion

### 200 Benebion Grapefruit box ID 108

Configuration ID: 2533	Box: <a href="#">Benebion Citrus plastic box #7</a>
Commodity: Grapefruit	Reference Location: *8A5 (60.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 36
Processing Speed: 1 m/s	Fruit Weight : 399 - 556 g
Maximum Box Density: 0.37 g/cm <sup>3</sup>	Load Density: 31 g/cm <sup>3</sup>
Box Weight (Min-Max): 15.73 - 18.57 kg	Target Dose: 150 Gy
	Rmin: 0.47 Rmax: 1.01
<b>Stacking Description:</b> 8 layers of 5 boxes base (3 boxes one side, 2 boxes the other side) = 40 boxes total	
<b>Comments:</b> Plastic boxes with fruit packed, the pallet is covered with a large mesh bag Partial pallets not allowed	
Approved by: Marco Bautista (10/27/2021)	

### 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

[Return to configuration listing.](#)