



# Irradiation Reporting and Accountability Database

## Benebion

### 172 Benebion Mango box ID 317

Configuration ID: 2497	Box: <a href="#">Benebion Mango box # 36</a>
Commodity: Mango	Reference Location: *8A5 (61.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 36
Processing Speed: 1 m/s	Fruit Weight : 196 - 315 g
Maximum Box Density: 0.34 g/cm <sup>3</sup>	Load Density: 0.28 g/cm <sup>3</sup>
Box Weight (Min-Max): 9.07 - 11.15 kg	Target Dose: 150 Gy
	Rmin: 0.48 Rmax: 1
<b>Stacking Description:</b>	
13 layers of 5 boxes base (3 boxes in one side, the other side 2 boxes wide and 2 boxes deep, by 13 boxes high) = 65 boxes total	
<b>Comments:</b>	
Entire pallet is covered with a large mesh bag. Each box has 6 clamshells with 6 mangos each. Partial pallets not allowed	
Approved by: Marco Bautista (05/25/2020)	

### Configuration Images





### Targeted Pests

Pest Name	Common Name	Minimum Dose
1. <i>Tephritidae Ceratitis capitata</i>	Mediterranean fruit fly	150
2. <i>Tephritidae Anastrepha ludens</i>	Mexican fruit fly	150
3. <i>Tephritidae Anastrepha obliqua</i>	West Indian fruit fly	150

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