



# Irradiation Reporting and Accountability Database

## Benebion

### 171 Benebion Mango box ID 316

Configuration ID: 2496	Box: <a href="#">Benebion Mango box # 35</a>
Commodity: Mango	Reference Location: *8A5 (59.5cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 45
Processing Speed: 1 m/s	Fruit Weight : 296 - 530 g
Maximum Box Density: 0.52 g/cm <sup>3</sup>	Load Density: 0.46 g/cm <sup>3</sup>
Box Weight (Min-Max): 17.54 - 19.36 kg	Target Dose: 150 Gy
	Rmin: 0.3 Rmax: 1.07
<b>Stacking Description:</b> 5 layers of 10 boxes base (4 boxes wide and additional 2 rows three boxes each, by 5 boxes high) = 50 boxes total	
<b>Comments:</b> Entire pallet is covered with a large mesh bag Partial pallets not allowed	
Approved by: Marco Bautista (05/22/2020)	

### 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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