



# Irradiation Reporting and Accountability Database

## Benebion

### 110 Benebion guava box ID 211

Configuration ID: 325	Box: <a href="#">Benebion Guava box # 17</a>
Commodity: Guava	Reference Location: *8A5 (61.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 187
Processing Speed: 1 m/s	Fruit Weight : 30 - 71 g
Maximum Box Density: 0.36 g/cm <sup>3</sup>	Load Density: 0.27 g/cm <sup>3</sup>
Box Weight (Min-Max): 8.41 - 9.23 kg	Target Dose: 400 Gy
	Rmin: 0.55 Rmax: 1.02
<b>Stacking Description:</b> 16 layers of 5 cardboard boxes base (2 rows total, one row three boxes, one row 2 boxes ) = 80 boxes total	
<b>Comments:</b> Each cardboard box contains 16 clamshells inside. Entire pallet is covered with a mesh bag Partial pallets not allowed Update of the configuration with a range of more weight and therefore new absorption factors	
Approved by: Marco Bautista (07/06/2017)	

### Configuration Images



### Targeted Pests

Pest Name	Common Name	Minimum Dose
1. <i>Tephritidae Anastrepha spp.</i>		150
2. <i>Tephritidae Ceratitis capitata</i>	Mediterranean fruit fly	150
3. <i>Aleyrodidae Aleurodicus dispersus</i>	spiraling whitefly	400
4. <i>Tephritidae Anastrepha ludens</i>	Mexican fruit fly	150

5. <i>Tephritidae Anastrepha striata</i>	Guava Fruit Fly	150
6. <i>Tephritidae Anastrepha bahiensis</i>		150
7. <i>Tephritidae Anastrepha fraterculus</i>	South American Fruit Fly	150
8. <i>Tephritidae Anastrepha obliqua</i>	West Indian fruit fly	150
9. <i>Tephritidae Anastrepha serpentina</i>	Sapodilla Fruit Fly	150
10. <i>Curculionidae Conotrachelus dimidiatus</i>	guava weevil	400
11. <i>Curculionidae Conotrachelus psidii</i>	Guava weevil	400
12. <i>Aleyrodidae Aleurodicus maritimus</i>		400
13. <i>Aleyrodidae Aleurodicus pulvinatus</i>		400
14. <i>Aleyrodidae Tetraleurodes truncatus</i>		400
15. <i>Pseudococcidae Nipaecoccus viridis</i>	Spherical Mealybug	400
16. <i>Pseudococcidae Phenacoccus psidiarum</i>		400
17. <i>Pseudococcidae Planacoccus minor</i>		400
18. <i>Coccidae Coccus viridis</i>	Green Scale	400
19. <i>Pseudococcidae Pseudococcus solenedyos</i>	Oral Rim Mealybug	400
20. <i>Tortricidae Gymnandrosoma aurantianum</i>	Citrus Fruit Borrer	400

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