



Irradiation Reporting and Accountability Database

Benebion

100 Benebion Guava midsize box ID 97

Configuration ID: 276	Box: Benebion Guava box #10
Commodity: Guava	Reference Location: *8A5 (58.5cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 42
Processing Speed: 1 m/s	Fruit Weight : 134 - 216 g
Maximum Box Density: 0.28 g/cm ³	Load Density: 0.22 g/cm ³
Box Weight (Min-Max): 6.14 - 8.79 kg	Target Dose: 400 Gy
	Rmin: 0.62 Rmax: 1.03
Stacking Description: 9 layers of 7 boxes base (3 rows, two rows with 2 boxes and one row with 3 boxes) = 63 boxes total Cardboard box with clamshells (8 small clamshells two fruit each & 4 big clamshells four fruit each)	
Comments: Entire pallet is covered with a mesh bag Partial pallet not allowed	
Approved by: Marco Bautista (01/19/2016)	

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 Borer	400

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