



Irradiation Reporting and Accountability Database

Benebion

152 Benebion guava box ID 251

Configuration ID: 1427	Box: Benebion Pitahaya box # 5
Commodity: Guava	Reference Location: *8A5 (60.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 33
Processing Speed: 1 m/s	Fruit Weight : 134 - 332 g
Maximum Box Density: 0.33 g/cm ³	Load Density: 0.28 g/cm ³
Box Weight (Min-Max): 7.26 - 7.97 kg	Target Dose: 400 Gy
	Rmin: 0.5 Rmax: 1
Stacking Description: 13 layers of 7 boxes base (3 rows total, two rows 2 boxes, one row 3 boxes) = 91 boxes total	
Comments: Entire pallet is covered with a mesh bag Partial pallets not allowed	
Approved by: Marco Bautista (07/13/2018)	

Configuration Images



Targeted Pests

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

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

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