



Irradiation Reporting and Accountability Database

Benebion

195 Benebion guava box ID 328

Configuration ID: 2527	Box: Benebion Guava box # 30
Commodity: Guava	Reference Location: *8A5 (55.0cm from side, 135cm from floor of carrier)
Country of Origin: Mexico	Average Fruit Per Box: 43
Processing Speed: 1 m/s	Fruit Weight : 43 - 58 g
Maximum Box Density: 0.35 g/cm ³	Load Density: 0.28 g/cm ³
Box Weight (Min-Max): 1.87 - 2.3 kg	Target Dose: 400 Gy
	Rmin: 0.58 Rmax: 1
Stacking Description: 25 layers of 10 boxes base (3 rows total, 2 rows of 3 boxes each and 1 row with 4 boxes) = 250 boxes total	
Comments: The entire pallet is covered with a big mesh bag Partial pallets not allowed	
Approved by: Marco Bautista (10/02/2021)	

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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