

This short description was prepared in the framework of the EU FP7 project DROPSA - Strategies to develop effective, innovative and practical approaches to protect major European fruit crops from pests and pathogens (grant agreement no. 613678). This pest was listed in the DROPSA alert list for orange and mandarin fruit.

Lobiopa insularis (Coleoptera: Nitidulidae)

Location of life stages on plant parts: Eggs are laid in ripe fruit, in cavities created by feeding (for strawberry; Agrolink Br, no date). Hernandez Torres (2013) mentions rotten fruit, but it seems to also attack healthy fruit (at least strawberries). Considered associated with lemon fruit in USDA (2015).

Fruit pathway: Yes, with an uncertainty (whether it is associated with healthy citrus fruit).

Other pathways: plants for planting carrying fruit.

Hosts: *Citrus limon* (USDA, 2015), *Citrus sinensis* (Lima and Davies, 1981), *Fragaria* (as strawberry), *Psidium guajava*, *Mangifera* (as mango) (Agrolink Br, nd), *Prunus persica* (Hernandez-Torres, 2013).

Distribution: South America: Argentina (USDA, 2015), Brazil (Fornari et al., 2013), Colombia, (Hernandez-Torres, 2013); Central America (Peck, 2006, Hernandez Torres 2013); Caribbean: Grenada, St. Kitts and Nevis (CABI CPC), Cuba, Dominica, Grenada, Guadeloupe, Puerto Rico, St. Thomas, St. Vincent (Peck, 2006), West Indies (Hernandez Torres, 2013); North America: Mexico, USA (Georgia, Florida, Alabama, Texas) (Hernandez Torres 2013). Introduced to the Canary Islands (Lason and Przewozny, 2009), so it was considered that it can be spread by trade.

Damage: *L. insularis* is considered an important pests of strawberry in Brazil (Fornari et al., 2013; Bortoli et al., 2012), with damage reaching 20% (Agrolink, nd). No data were found for Citrus and other hosts.

Recorded impact: Moderate (on another crop)	Intercepted: Not known	Spreading/invasive: Yes
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