

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.

**Prays endolemma (Lepidoptera: Yponomeutidae)**

**Location of life stages on plant parts:** young fruits, mature fruits and flowers (French PRA for *P. endocarpa*, 2003; Ubaub and Ocampo, 2012a). Eggs are laid at the surface of the fruit, and larvae bore into the rind (Ubaub and Ocampo, 2012b). In some cases feeding may reach the pulp, and the fruit be infested by other pests such as fruit flies (Ubaub and Ocampo, 2012a).

**Fruit pathway:** Yes, with an uncertainty. In Ubaub and Ocampo (2012a), larvae were not present in the fruit in the development stages before harvest. It is not clear if this applies at the location studied or through the distribution of the pest.

**Other pathways:** plants for planting.

**Hosts:** *Citrus* (French PRA, 2003), *Citrus maxima* (Ubaub and Ocampo, 2012a), *Citrus sinensis*, *Citrus aurantiifolia*, *C. medica*, *C. hystrix*, *C. decumana* (Ubaub and Ocampo, 2012b).

**Distribution:** Asia: Philippines (Ubaub and Ocampo, 2012a). No other record was found.

**Damage:** *P. endolemma* is a key pest of citrus in the Philippines (French PRA, 2003). It is mentioned as a major pest of *Citrus maxima* (Ubaub and Ocampo, 2012a, for one region). Severely damaged fruit may fall and those with moderate damage may remain on the tree until harvest (Ubaub and Ocampo, 2012a). The quality of the fruit is affected mostly because of damage to the rind (Ubaub and Ocampo, 2012b). No data was found for other Citrus species.

<b>Recorded impact:</b> Moderate	<b>Intercepted:</b> Not known	<b>Spreading/invasive:</b> Not known
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**References:**

- French PRA. 2003. Analyse de Risque Phytosanitaire. Version simplifiée. Prays endocarpa Meyrick. Lepidoptera. Référence: AGR-a8
- Ubaub LT, Ocampo VR. 2012b. Field biology, setal map and adult genitalia of the citrus rind borer Prays endolemma Diakonoff (Lepidoptera: Yponomeutidae) on pummelo Citrus maxima (Burm) Merr. (Rutaceae) in region XI, Philippines. Philippine entomologist. - 2012. - Vol. 26, № 1. 65-92
- Ubaub LT, Ocampo VR. 2012a. Pattern of infestation and characteristics damage of citrus rid borer Prays endolemma Diakonoff (Lepidoptera: Yponomeutidae) on pumello Citrus maxima (Burm) Merr. (Rutaceae) in region Xi, Philippines. Philippine entomologist. - 2012. - Vol. 26, № 2. 137-155