

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.

Eotetranychus kankitus (Acarida: Tetranychidae)

Location of life stages on plant parts: Mostly on leaves, but in severe infestations also on fruit; calyx and other cavity on fruit (USDA, 1995, for citrus).

Fruit pathway: Yes, associated with the fruit. It is spread by the wind, rain and animals (USDA, 1995), and was therefore considered likely to transfer.

Other pathways: plants for planting, cut flowers and branches.

Hosts: Polyphagous, incl. *Citrus*, *Citrus reticulata* (CABI CPC), *Alnus*, *Celtis sinensis*, *Alangium chinense*, *Elaeagnus bockii*, *Elaeagnus pungens*, *Litsea auriculata*, *Eleusine indica*, *Prunus armeniaca*, *Pyrus communis*, *Rosa chinensis*, *Rosa*, *Salix*, *Vitis vinifera* (Migeon and Dorkeld, 2006-2015), *Prunus persica* (USDA, 1995).

Distribution: Asia: China, India, Japan (Migeon and Dorkeld, 2006-2015).

Damage: High infestations may cause leaf, flower and fruit drop, and withering of branches. *E. kankitus* is a pest of *Citrus* sp. in Japan, India and China, and of *C. reticulata* in India (references from 1970s-90s); it is a dominant species for which prevention and control methods are under investigation (2012 reference) (Vacante, 2015). In part of Southern China on Citrus, it is considered very widespread and important (Li et al., 1997).

Other information: The effect of temperature is studied in Li et al (2014).

Recorded impact: High (uncertain)	Intercepted: Not known	Spreading/invasive: Not known
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