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 apple fruit.

Bonagota cranaodes (Lepidoptera: Tortricidae)

Fruit pathway: larvae develop on fruit (Betancourt et al. 2004)

Other pathways: plants for planting; larvae also develop on leaves (Betancourt *et al.* 2004), eggs on leaves (Sutton *et al.* 2014)

Hosts: polyphagous, hosts incl. *Malus, Pyrus, Prunus, Vitis*, ornamentals, some weeds (Betancourt *et al.* 2004)

Distribution: South America: Argentina, Brazil, Uruguay (Sutton *et al.* 2014). Brown and Razowski (2003) also mention collection specimen from Paraguay.

Damage: Larvae damage leaves and fruit, but the economical damage is due to damage to fruit (Sutton *et al.* 2014). The damage to fruit is sometimes severe; on apple, *B. cranaodes* causes irregular superficial damage, which reduces the commercial value of the fruit; in Brazil, in the main apple producing regions, yield losses amounted to 3-5 %, sometimes *B. cranaodes* attacks jointly with *Argyrotaenia sphaleropa*, resulting an increase in damage to the crop (Betancourt *et al.* 2004, Botton *et al.* 2000). In the 1980s, damage on apple in Brazil reached 15% in commercial apple orchards, but was reduced to less than 2% by the beginning of the 2000s by appropriate control strategies (Sutton et al. 2014), and are currently estimated to less than 1% (Botton *et al.* 2013). Possible damage on other hosts was not considered here.

Other information: Synonym Bonagota salubricola used in Botton et al. 2013.

Impact: Moderate (in the past)Intercepted: Not knownSpreading/invasive: Not known	
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References:

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Sutton TB, Aldwinckle HS, Agnello AM, Walgenbach JF 2014. Compendium of apple and pear diseases and pests. APS Press, St. Paul (Minnesota), USA, 218 p.