

**International Plant Protection Convention (IPPC) country report by the National Plant Protection Organization (NPPO) of South Africa: Eradication of *Bactrocera dorsalis* (Oriental Fruit Fly) in Grabouw, in the Southern Part of the Western Cape Province of South Africa**

<b>Pest</b>	<i>Bactrocera dorsalis</i> ; Oriental Fruit Fly (OFF)
<b>Status of pest</b>	Absent: pest eradicated
<b>Host or articles concerned</b>	<i>Prunus spp.</i> , <i>Pyrus</i> and <i>Malus spp.</i> that are exported and considered hosts of this pest and produced or present in this area in South Africa are no longer under threat.
<b>Geographic distribution</b>	Three <i>Bactrocera dorsalis</i> specimens were detected in three Methyl Eugenol baited fruit fly traps in the Groenland area close to Grabouw of the Western Cape province.
<b>Nature of immediate or potential danger</b>	Any immediate or potential danger of <i>Bactrocera dorsalis</i> has been prevented by successful eradication where its presence may impede the export potential of the relevant host commodities affected.
<b>Summary</b>	<p>Three <i>Bactrocera dorsalis</i> specimens were detected in the affected area between the first and the third week of April, 2019.</p> <p>One male specimen of OFF was detected on the third of April 2019 in a home garden in Groenland near Grabouw in a Methyl Eugenol baited fruit fly trap. Two more specimens were detected in two different Methyl Eugenol-baited fruit fly traps in plum (<i>Prunus spp.</i>) orchards on the 10<sup>th</sup> and 15<sup>th</sup> of April 2019 in Groenland South near Grabouw. The plum orchards were not in production at the time of the detection. The identifications of all the specimens were confirmed by a recognized entomologist through molecular analysis.</p>

All the affected areas were quarantined; delimiting surveys and phytosanitary actions to restrict and control the movement of host material were initiated with immediate effect after the first detection in accordance with the South African *Bactrocera dorsalis* Fruit Fly (SABiFF) Action Plan.

Phytosanitary actions were implemented to control the movement of fruit from the area under delimitation. Eradication which included the application of protein bait sprays, deployment of male annihilation (MAT) blocks and strict field sanitation within the quarantine area, were initiated. After 8 weeks with MAT and baiting, a 4 week monitoring period followed, there were no further detections, therefore supporting declaration of the status of Grabouw area as free from the presence of *Bactrocera dorsalis*, as this pest has been successfully eradicated. Therefore, the status of the pest in point in this area is: Eradicated.