

**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 the Addo area, Eastern Cape Province, South Africa**

<b>Pest</b>	<i>Bactrocera dorsalis</i>
<b>Status of pest</b>	Absent: Pest Eradicated
<b>Host or articles concerned</b>	Citrus spp. produced or present in this area in South Africa are no longer under threat.
<b>Geographic distribution</b>	Several <i>B. dorsalis</i> specimens were collected from the Addo area of the Eastern Cape Province.
<b>Nature of immediate or potential danger</b>	Immediate or potential danger of <i>Bactrocera dorsalis</i> has been prevented by successful eradication.
<b>Summary</b>	<p><i>Bactrocera dorsalis</i> specimens were detected in Methyl Eugenol (ME) baited traps in the Addo area of the Eastern Cape Province of South Africa which is approximately 40km North from Port Elizabeth.</p> <p>The fruit fly specimens were identified as <i>Bactrocera dorsalis</i> by the nominated local fruit fly expert and reported to Directorate Plant Health, Department of Agriculture, Land Reform and Rural Development in accordance with the relevant legislation and National Action Plan. The identification of the specimens was confirmed through molecular analysis.</p> <p>Phytosanitary actions were implemented to control the movement of fruit from the area under delimitation. Eradication, which included the application of weekly protein bait sprays and the deployment of male annihilation blocks in the quarantine area was carried out for a period of more than eight weeks. The last positive detection of <i>B. dorsalis</i> in the area was on 9 July 2020. Since then, no <i>B. dorsalis</i> was detected. Based on temperature records prevailing in the area, the period from the last detection to date represents more than 4 generations of <i>B. dorsalis</i>. The monitoring records therefore</p>

	<p>effectively demonstrate that <i>B. dorsalis</i> was eradicated from the Addo area.</p> <p>The status of the pest in this area is: Absent, eradicated.</p>
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