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 three separate areas in the Eastern Cape Province of South Africa

Pest	Bactrocera dorsalis; Oriental Fruit Fly (OFF)
Status of pest	Absent: pest eradicated
Host or articles concerned	Citrus spp. that are exported and considered hosts of this pest and
	produced or present in this area in South Africa are no longer under
	threat.
Geographic distribution	Five (5) male Bactrocera dorsalis specimens were detected in five
	separate Methyl Eugenol baited traps in urban areas in the coastal
	town, Jeffrey's Bay between 28 February and 21 May 2019. Forty-one
	(41) male Bactrocera dorsalis specimens were detected between 7
	April and 14 June 2019 in the coastal town of East London. Five (5) male
	Bactrocera dorsalis specimens were detected in several Methyl
	Eugenol baited traps between 4 and 12 June 2019 and one (1) detected,
	again, in October 2019 in the Kirkwood/Addo area in a citrus
	production area in Buffalo District Municipality in the Eastern Cape
	province of South Africa.
Nature of immediate or potential danger	Any immediate or potential danger of Bactrocera dorsalis has been
	prevented by successful eradication where its presence may impede
	the export potential of the relevant host commodities affected.
Summary	Five (5) male Bactrocera dorsalis specimens were detected in five
	separate Methyl Eugenol baited traps in urban areas in the coastal
	town, Jeffreys Bay between 28 February and 21 May 2019. Forty-one
	(41) male Bactrocera dorsalis specimens were detected between 7
	April and 14 June 2019 in the coastal town of East London. Five (5) male
	Bactrocera dorsalis specimens were detected in several Methyl
	Eugenol baited traps between 4 and 12 June 2019 and one (1) detected,
	again, in October 2019 in the Kirkwood/Addo area in a citrus
	production area.

The identifications of all the specimens were confirmed by a recognized entomologist though molecular analysis.

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 East London 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.