

International Plant Protection Convention (IPPC) country report by the National Plant Protection Organization (NPPO) of South Africa: Pest status of *Bactrocera dorsalis* (previously described as *Bactrocera invadens*) in South Africa, February 2015

Pest	<i>Bactrocera dorsalis</i>
Status of pest	<p><i>Bactrocera dorsalis</i> is present in the following provinces and District Municipalities of South Africa. Specimens were also detected in other areas of, Mpumalanga, North West, Gauteng, Kwazulu Natal and the Northern Cape provinces of South Africa. <i>Bactrocera dorsalis</i> was subsequently successfully eradicated in the Northern Cape province. Control actions are ongoing in other affected areas. The areas where <i>B. dorsalis</i> is present are as follows:</p> <ol style="list-style-type: none"> 1. Limpopo province: <ol style="list-style-type: none"> 1.1 Vhembe District Municipality: Present but subject to official control 1.2 Mopani District Municipality: Present but subject to official control 1.3 Sekhukhune District Municipality: Present, only in some areas where host crop(s) are grown and subject to official control 1.4 Capricorn District Municipality: Present, only in some areas where host crop(s) are grown and subject to official control 1.5 Waterberg District Municipality: Present, only in some areas where host crop(s) are grown and subject to official control 2. Mpumalanga province: <ol style="list-style-type: none"> 2.1 Ehlanzeni District Municipality: Present but subject to official control 2.2 Nkangala District Municipality: Transient actionable and under eradication

	<p>3. North West province:</p> <p>3.1 Ngaka Modiri Molema District Municipality: Present only in some areas but subject to official control</p> <p>3.2 Bojanala Platinum District: Municipality Present at low prevalence, seasonal in some areas and subject to official control</p> <p>4. Gauteng province</p> <p>4.1 City of Tshwane: Present seasonally in some areas and subject to official control</p> <p>5. Kwazulu Natal province:</p> <p>5.1 Ilembe District Municipality: Present at low prevalence only in some areas and subject to official control</p> <p>5.2 Harry Gwala District Municipality: Present at low prevalence only in some areas and subject to official control</p> <p>5.3 Ugu District Municipality: Present at low prevalence only in some areas and subject to official control</p> <p>5.4 uMkhanyakude District Municipality: Present only in some areas and subject to official control</p> <p>5.5 uThungulu District Municipality: Present at low prevalence only in some areas and subject to official control</p>
Host or articles concerned	<p>Citrus spp. and other commodities including mango, guava, tomato, pepper (Capsicum spp.) and several wild African fruits produced or present in these areas in South Africa are under threat.</p>

Geographic distribution	<p>Bactrocera dorsalis is considered to be present, actionable and under official control in the above mentioned provinces of South Africa and their associated Municipal Districts. Bactrocera dorsalis is absent in the following areas:</p> <ul style="list-style-type: none"> • Gert Sibande District Municipality, North West province, Dr Kenneth Kaunda District Municipality and Dr Ruth S. Mompati District Municipality in Mpumalanga province; • Amajuba District Municipality, uMgungundlovu District Municipality, uMzinyathi District Municipality, uThukela District Municipality and the Zululand District Municipality in Kwazulu Natal province,; • Namakwa District Municipality and Pixley ka Seme District Municipality in Northern Cape province; • The City of Johannesburg, West Rand, Ekurhuleni and Sedibeng in Gauteng province,; • Free State, Eastern Cape and, Western Cape provinces. <p>There were no detections of B. dorsalis for more than 12 weeks, or three life cycles, after the last fruit fly was detected in the John Taolo Gaetsewe, Frances Baard and Z.F. Mgcawu District Municipality in the Northern Cape province, after July 2014. The status of the pest in these areas including the whole of the Northern Cape province is now Absent: Pest eradicated or no longer present.</p>
Nature of immediate or potential danger	Bactrocera dorsalis is subject to official control in the affected areas in accordance with the South African Bactrocera invadens Action Plan.
Summary	Bactrocera dorsalis is only present in the listed District Municipalities (Under Status of Pest) and is absent from other areas of South Africa.