

International Plant Protection Convention (IPPC) country report by the National Plant Protection Organization (NPPO) of South Africa: Notification on the eradication of *Bactrocera dorsalis* (Oriental Fruit Fly) in Pixley Ka Seme and ZF Mgcawu District Municipalities, in the Northern Cape province of South Africa

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| Pest | <i>Bactrocera dorsalis</i> (Oriental Fruit Fly) |
| Status of pest | Absent: Pest eradicated/no longer present |
| Host or articles concerned | <i>Citrus</i> spp, Grape (<i>Vitis</i> spp) (including Table-, Wine-, and Dried fruit varieties) and Pomegranate fruits produced or present in this area, are no longer under threat. |
| Geographic distribution | Areas alongside or close to the Lower Orange River in the Northern Cape province of South Africa. These areas consists of: Areas between Douglas and Prieska, in Pixley Ka Seme District Municipality, situated approximately 300 Km East of Upington. Areas between Groblershoop, and Augrabies including Groblershoop, Karos, Upington, Kakamas and Augrabies, in ZF Mgcawu District Municipality. |
| Nature of immediate or potential danger | Any immediate or potential danger of <i>B. dorsalis</i> has been prevented by successfully applied quarantine measures, supported by prevailing climatic conditions unfavorable to <i>B. dorsalis</i> . |
| Summary | Several <i>B. dorsalis</i> specimens were detected between Douglas to Prieska, Pixley Ka Seme District Municipality, including Groblershoop, Karos, Upington, Kakamas as well as Augrabies, areas alongside or close to the Orange River, in ZF Mgcawu District Municipality, in the Northern Cape province of South Africa. The detections were encountered on several occasions between 07 February and 29 May 2019, respectively. The identifications of all the fruit fly specimens were confirmed by the nominated local fruit fly expert by means of molecular analysis. Phytosanitary actions were implemented to control the movement of |

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| | <p>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.</p> <p>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 areas from Douglas to Prieska as well as between Groblershoop to Augrabies as free from the presence of <i>Bactrocera dorsalis</i>, as this pest has been successfully eradicated. Therefore, the status of the pest in point in this area is: Eradicated.</p> |
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