

\*\*\*\*\* **MONTHLY BULLETIN** \*\*\*\*\*

The Monthly Bulletin is compiled from information retrieved from monthly Migrant Pest Reports received from SADC member countries, IRLCO-CSA, and the Armyworm Forecasting Service.

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## MIGRANT PEST REPORTS AND MAP FOR OCTOBER 2004

Migrant pest reports for October 2004 were received from: *Botswana, Lesotho, Namibia, South Africa, Swaziland, Tanzania, Zambia, Zimbabwe, and IRLCO-CSA.*  
No reports were received from: *Angola, Congo, Malawi, or Mozambique.*

### SUMMARY (Fig.1)

No outbreaks of the African armyworm were reported from the SADC Region.

Locusts. Red locust African Migratory locust swarms were reported in the Caprivi area of Namibia, while Zambia reported observations of African Migratory locust in the Zambezi Valley. South Africa controlled 24 Brown locust bands in the Karoo region. Isolated Red locust populations were flushed in Tanzania, Malawi and Mozambique.

No further reports of locusts were received from the Region.

Quelea roosts were controlled in South Africa. Botswana and Zimbabwe reported the presence of Quelea but no control operations were undertaken. The remainder of the region remained calm.

### ARMYWORM

The SADC Region remained FREE of armyworm infestations.

### LOCUSTS

Malawi, Mozambique and Tanzania (IRLCO-CSA). Isolated to scattered Red locust populations were flushed in the Malagarasi Basin (Tanzania), Lake Chilwa/Chiuta plains (Malawi) and the Buzi-Gorongosa plains (Mozambique). Residual red locust populations persisted in the Iku-Katavi and Wembere plains, and the Bahi Valley in Tanzania.

Namibia (G Kanguvi). A Red locust swarm and an African Migratory locust swarm were controlled in the Caprivi region. Control teams from the Ministry of Agriculture, Water & Rural Development undertook control operations using Decis®.

South Africa (K Viljoen)

24 bands of gregarious Brown locust hoppers were controlled with Decis in the Marydale District of the Northern Cape Province.

Zambia (IRLCO-CSA). The outbreak of African Migratory locusts in the Sesheke District of the Western Province of Zambia was contiguous with the outbreaks in Namibia. Locusts were a threat to winter maize and livestock pastures in the Zambezi Valley. Zambia and Namibia were liaising on how best to tackle the outbreak in adjacent districts on either side of their common country border.

The remainder of the SADC Region remained calm.

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## RED-BILLED QUELEA

South Africa (L Geertsema). Eighteen (18) roosts were controlled during October in the Limpopo, Free State and Northern Cape Provinces, with 12 sites identified as traditional Quelea sites. Ten of the roosts were located in wetland habitat and eight in savanna (trees). Estimated damage to wheat crops ranged from 0 to 20%. Sites varied in size from 0.6 to 21ha, and the total area treated was 110.7ha with an estimated number of 15.4m birds present. The largest concentration of birds (7m) was at Vivo (Limpopo Province) on an 18ha site. Aerial control was undertaken by the National Department of Agriculture on seven sites using Falcolan® (active ingredient cyanophos 520g/l), and on one site using Queletox. The remaining nine sites were exploded with a paraffin/petrol combination. The percentage success rate ranged from 60 – 99%. Nine of the sites were identified as environmentally sensitive. One Marsh Owl, one Crimson Breasted Shrike, one Chinspotted Battis, and two Blue Waxbills were recorded as non-target mortalities.

No further reports of Quelea birds in the SADC region were received.

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## GENERAL NOTICES

1. To date, 6 country collaborators (Botswana, Malawi, Namibia and Zimbabwe) have received their new ICOSAMP country systems and computers, and attended training sessions in South Africa.
2. The reporting rate for September is 77%. Country collaborators are reminded that reports should reach the coordinator by the **end of the 1<sup>st</sup> week of the following month** so that they can be included in the Bulletin. Reports should be sent even if there were **NO** migrant pest outbreaks, or **NO** surveys were conducted.

Information and Reports should be faxed or emailed to:

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## ON THE WEB

This month's highlighted websites are:

*General News in Africa*

[www.fao.org/news/global/locusts/locuhome.htm](http://www.fao.org/news/global/locusts/locuhome.htm) - Current DESERT LOCUST PLAGUE details

[www.arc.agric.za](http://www.arc.agric.za) - Agricultural Research Council, South Africa

*Early Warning*

[www-web.gre.ac.uk/directory/NRI/pcs/MetCCD0.htm](http://www-web.gre.ac.uk/directory/NRI/pcs/MetCCD0.htm) - Armyworm forecasting

[www.fews.net/south](http://www.fews.net/south) - Famine Early Warning System Network for southern Africa

*General*

[www.pestinfo.org](http://www.pestinfo.org) - International Society for Pest Information

## ACKNOWLEDGEMENTS

Information is gratefully acknowledged from collaborators in SADC member countries, the International Red Locust Control Organisation for Central and Southern Africa (IRLCO-CSA) in Zambia, and the Armyworm Forecasting and Control Services of the Ministry of Agriculture and Food Security in Tanzania. Thanks to EcoPort <http://www.ecoport.org> for hosting our website and maintaining the internet mapper.

<b>ICOSAMP COLLABORATORS - 2004</b>	
<b><u>SADC</u></b>	<b><u>Additional Collaborators</u></b>
<b>Angola:</b> Mr S Mateus	SADC-FANR: Mr S de Keyser
<b>Botswana:</b> Mr T Moruti	IRLCO-CSA: Mr John Katheru
<b>DR of Congo:</b> Mr M Mafutamingi	NRI (UK): Prof Bob Cheke
<b>Lesotho:</b> Mr E Tjelele / Mr P Masupha	Armyworm (RSA): Dr Richard Bell
<b>Malawi:</b> Mr T Maulana	Armyworm Forecasting W Mushobozi (Tanzania Min.Agric. & Food Security)
<b>Mozambique:</b> Mr J Varimelo/Mr A Comes/A Ngazero	
<b>Namibia:</b> Ms P Shiyelekeni	
<b>South Africa:</b> Mr K Viljoen (locusts) / Mr L Geertsema (quelea)	
<b>Swaziland:</b> Mr B Makhuba/Mr D Khumalo	
<b>Tanzania:</b> Mr R Magoma	
<b>Zambia:</b> Mr M Kanyemba	
<b>Zimbabwe:</b> Mrs I Saunyama / Dr Peter Chinwada / Mr N Muhau	
<b><u>Co-ordinator</u></b> Mrs Margaret Kieser, South Africa	<b><u>GIS development</u></b> Mrs Judith Pender, UK

This bulletin has been sent to you by the ICOSAMP co-ordinator in South Africa, **Margaret Kieser**. If you think that your colleagues would be interested in receiving this news, please feel free to forward this Bulletin to them. Subscription to the ICOSAMP email list is FREE.

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**This Bulletin, as well as archived Bulletins, are also available on the website at**  
**<http://icosamp.ecoport.org>**

**Figure 1. Migrant Pest Situation Map for SADC Region: October 2004**

