



# Fall armyworm

## *Spodoptera frugiperda*

Dr Marinda Visser



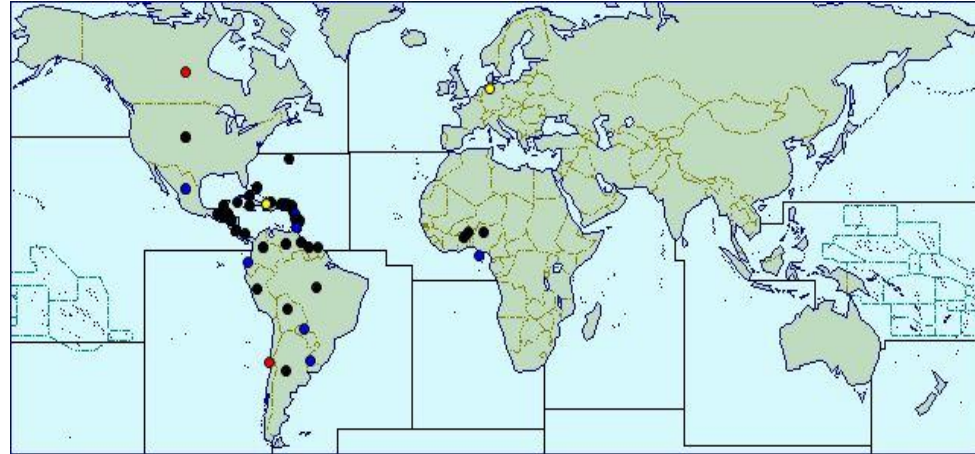
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# Taxonomy and History

- ***Spodoptera* genus**
  - 31 species in total
- ***S. frugiperda* native to the Americas**
  - Eight species in Africa
  - First Discovered in Nigeria, Benin, and Togo





# Host Range

- **Over 80 plant species**
  - **Primary (main), Secondary and Wild hosts**



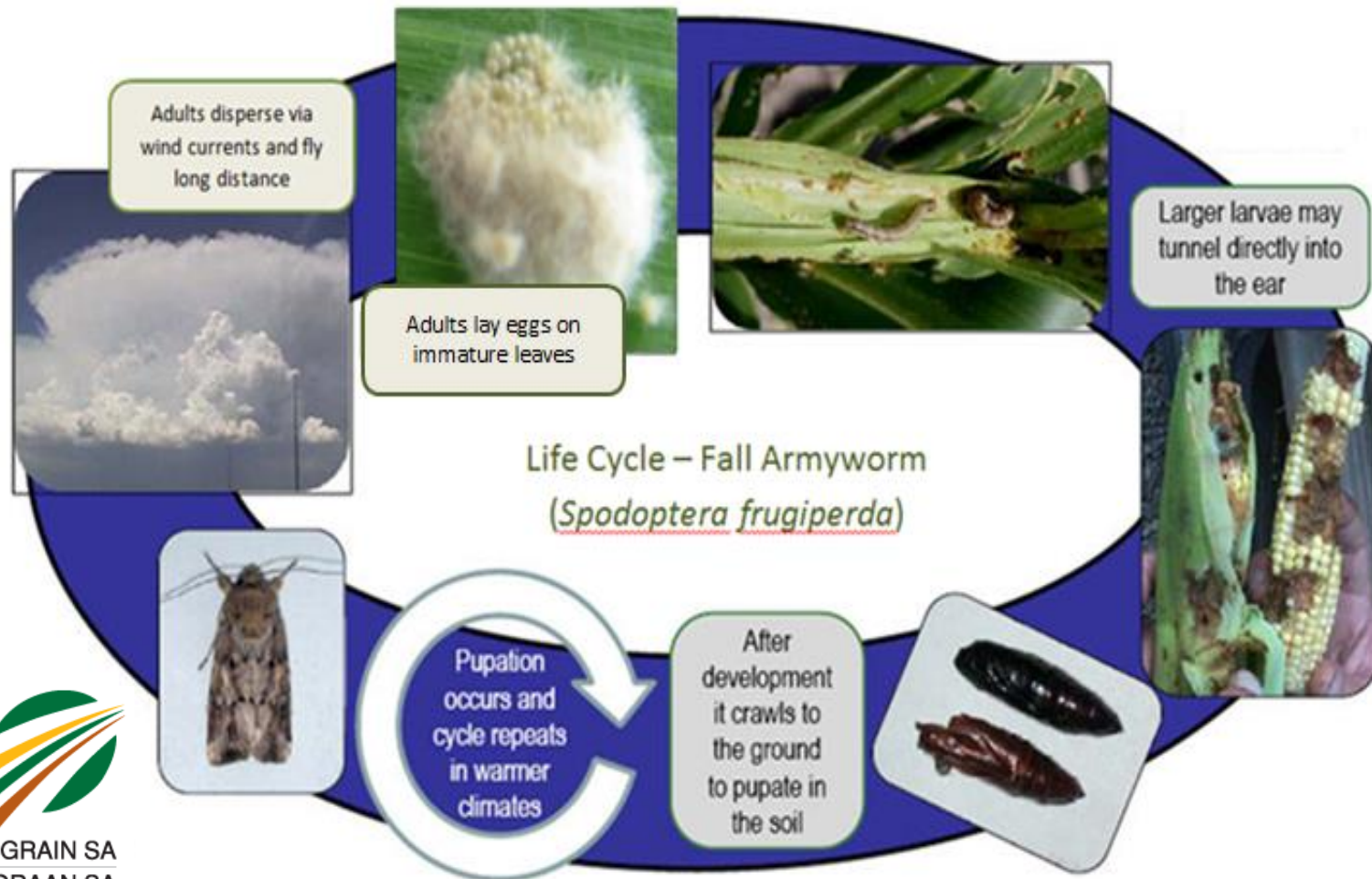
# Economic Importance

- **Brazil: over US\$400 million**
- **Zambia**
  - US\$ 3 million
  - 130 000 ha of crops
  - Losses of up to 73%





# Life Cycle of FAW between 24 & 40 days!



## ❑ Female



- Wingspan: 3.8 cm
- Body length: 1.7 cm
- Forewings: Mottled (dark brown, grey)
- Hindwings: Silver white with narrow, dark brown margins

## ❑ Male



- Wingspan: 3.7 cm
- Body length: 1.6 cm
- Forewings: Grey and brown (triangular white spots tips)
- Hindwings: Similar to females

# Status Report on FAW

- **Provinces affected**
  - Limpopo, NW, GP, FS, MP, NC
- **Surveillance and Diagnostic Capacity**
- **Damage Assessment**
- **Awareness campaign**
- **Agrochemical Registration process**



**Thank You**

**Dankie**

**Enkosi**

**Re a Leboga**



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