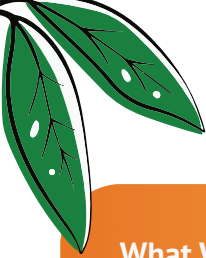


# X Sterile Insect Technique

Environmentally friendly population suppression  
of False Codling Moth with no residues





# The Sterile Insect Technique

A biological approach for the suppression of False Codling Moth populations.

## What We Do at XSIT

Established in 2007 and located in the heart of Citrusdal, XSIT boasts a world-class production facility. We provide growers with access to the FCM Sterile Insect Technique (SIT) for long-term, residue-free suppression of FCM populations. Our programme also provides additional services to support successful Integrated Pest Management (IPM) programmes for citrus, table grapes, stone fruit and various other deciduous varieties.



## How We Do It

### Moth Population Suppression

Masses of FCM are reared at our facility in Citrusdal, sterilised and released in areas where wild FCM populations are a problem. Releases are done continuously for 9 months from September to May through means of ground or aerial releases. Programmes are adapted for specific areas and crops.

### Monitoring & Reporting

Pest monitoring with area & sub-area reports on FCM activity. Access to outside-of-orchard newsletters showing pressure in the surrounding environment. Weekly sanitation gradings & communications are sent. Weekly hot spot identification & communication.

## Why We Do It

### Market Access

South Africa is the second largest exporter of citrus in the world, with our export markets having a zero tolerance to phytosanitary pests and MRLs (maximum residue level). XSIT contributes to local producers remaining competitive in the market.

This ensures:

- Retaining access in current markets
- Optimising access conditions for existing markets
- Access to new markets

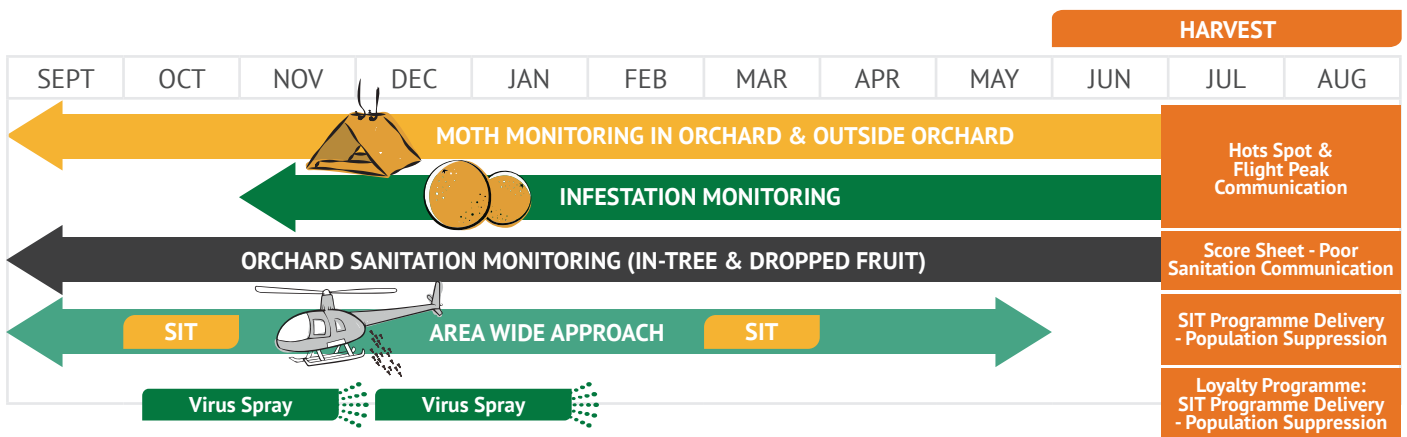
### Local Job Creation & Community Involvement

We employ over 150 people within the green agriculture sector to support the efforts of XSIT. We also train work forces in remote valleys.

Furthermore, we are active within the communities in which we operate, supporting early childhood development as part of our dedicated CSR strategy.

## Foundation Programme for FCM Management

The Sterile Insect Technique (SIT) works best as an area-wide approach and as part of an Integrated Pest Management (IPM) programme for a sustainable & holistic solution to pest management.



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