Research and Technical Transfer

Tarryn Wettergreen
SASEV Information Days | 15, 17 & 19 August 2022
Why does SATI fund research?

MISSION

Our mission at SATI intends to become a progressive growth oriented industry representative, recognised as a global leader in the Table Grape Industry and an authentic leader in the South African agricultural sector.

We will expand our industry’s opportunities within existing markets and diversify the industry’s current market risk profile in order to improve and protect the industry’s position in the global table grape market.

We will continue to increase our responsiveness to our shareholders and clients needs in order to improve industry efficiencies and competitiveness by providing timeous and credible industry information and market intelligence.

We will accomplish this through the consolidation of producer and exporter efforts, developing credible people and practices in the industry as well as strong alliances and partnerships with all our stakeholders.

Reference: www.satgi.co.za
Why does SATI fund research?

**MISSION**

- Focus areas
  - Market access
  - Support improved on-farm efficiencies and practices
  - Support improved competitiveness

**VALUES**

- Evidence-based
- Agile and Flexible
- Transparent
- Outcomes-driven

**OUTPUTS**

- Support market access initiatives
- Knowledge advancement/confirmation
- Solve industry problems
- Develop capacity

**Research & Technical Transfer**

- Market access initiatives
- Knowledge advancement
- Solve industry problems
- Develop capacity
What has SATI funded?

**Focus areas**

- Support new market access
- Preserve existing market access
- Support improved on-farm efficiencies and practices
- Support improved competitiveness

**Percent of total spend (2013 – 2021)**

- Improved competitiveness: 36%
- Improved efficiencies/practices: 39%
- Market Access: 25%
# What has SATI funded?

## Research
- Research to preserve and optimise market access (e.g. cold treatment trials)
- Behaviour and biology studies
- Management options (e.g. in-field control options or post-harvest treatment options)

## Outputs
- **Support Market Access Initiatives**
  - Improvement of export protocols
  - Providing data to meet protocol approval requirements

- **Knowledge Advancement**
  - First step in development of management guidelines

- **Solve Industry Problems:**

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**SATI**

*South African Table Grape Industry*
What has SATI funded?

- Pest Management
- Disease Management
- Plant material
- Production
- Water management
- Soil and nutrient management
- Post-harvest management

**OUTPUTS**

- Knowledge advancement/confirmation
- Solve industry problems
- Develop resources (capacity)

[https://www.satgi.co.za](https://www.satgi.co.za)

Knowledge hub → Online library
What has SATI funded?

About the SATI Research Library

The SATI Research Library is an easy-to-navigate database of which consolidation where to find table grape research. It includes links to scientific articles, MSc and PhD thesis and SATI-funded research reports.

Documents collection

The Documents collection contains all documents regardless of document type. This collection can be used to browse the entire SATI Research Library and perform searches. Advanced searches using boolean logic on specific fields can be performed on the advanced search page.

Document type collections

These collections cover specific document types from the Research Library, each representing a subset of the complete Documents collection.

SA articles collection

The SA articles collection contains articles written by South African authors pertaining to research on the entire value chain of table grapes, sourced from CSIR’s SA Knowledgebase, Clarivate Analytics Web of Science and Elsevier Scopus.

Non-SA articles collection

The Non-SA articles collection contains articles written by international authors pertaining to research on the entire value chain of table grapes, sourced from CSIR’s SA Knowledgebase, Clarivate Analytics Web of Science and Elsevier Scopus.

Industry articles collection

The Industry article collection contains relevant contributions from the South African Fruit Journal, a trade magazine launched in June 2000, which includes a dedicated section for the South African table grape sector.

Theses collection

The Theses collection contains theses and dissertations published at South African universities, contained in the CSIR South African Theses Database, covering the complete value chain of table grapes.

Research reports collection

The Research reports collection contains the findings of SATI-funded research. SATI supports research aimed at addressing gaps that will assist South African table grape producers to access various markets and to remain profitable and sustainable.

Technical bulletins collection

The SATI Technical Bulletin is a publication that has published articles specific to the table grape industry. The focus is usually on the transfer of technical or research knowledge. It was published between 2014 and 2020.
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What has SATI funded?

IMPROVED EFFICIENCIES/PRACTICES
What has SATI funded?

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<td>ARC Sites (Sub-optimal management)</td>
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<td>Small-scale evaluation</td>
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<td>Commercialisation Activities</td>
<td>Cleaning of material</td>
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Where to next?

- Consolidate existing knowledge
- Identify research gaps
- Advance knowledge
- Build capacity

Post-harvest research

- Identify new research gaps
- Advance knowledge
- Build capacity

Soil Management & Nutrition

- Consider inputs beyond market access and producer surveys

Identification of research projects

- Research currently largely addresses past or present problems

Future planning
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