WINE INDUSTRY NETWORK OF EXPERTISE AND TECHNOLOGY

Research to the pool of information

www.winetech.co.za
MISSION OF WINETECH

To provide the South African Wine Industry with a sustainable basis of forefront technology and human resources in order to strengthen both local and international competitiveness and profitability.
CORE FUNCTIONS OF WINETECH

The facilitation and oversight responsibility for sustainable and responsible natural resources usage.

The facilitation and coordination of relevant wine industry related research & development and technical innovation, addressing the Winetech specific value chain and the effective transfer of such technology for the benefit of all.
OBJECTIVES OF WINETECH

- To support the wine industry with expertise, enabling it to be cost effective while producing quality wines and other grape based products through the application of environmentally friendly technologies.

- To support the training and education of individuals for the industry - at all levels in terms of skills, knowledge and insight development - in order to ensure the practical implementation of the best knowledge and most advanced technologies in viticulture, wine making and other grape based products.

- To establish a culture of technological innovation, to ensure the ongoing utilisation of the best technology within the industry, and to facilitate its dissemination to all the sectors of the industry.
OBJECTIVES OF WINETECH

- To facilitate the development of resource poor and previously disadvantaged producers and to improve their access to the industry by making appropriate cutting edge technology available to such producers.

- To establish world leadership in selected niche areas of the wine industry through WINETECH`s network of scientific and technological expertise.

- To commission relevant and thoroughly planned research, technology development and technology transfer in the promotion of the industry`s technological capabilities and in the attainment of the other objectives.
TECHNICAL EXPERT COMMITTEES for viticulture, training, technology-transfer and oenology exist with specialist technical sub-committees for viticulture and oenology

THESE COMMITTEES OF EXPERTS ARE RESPONSIBLE FOR:

• Identifying Research needs

• Prioritising Research needs

• Evaluating the merits, progress and funding of research projects
strives to have R&D done by the most competent people and institutions to get the best and most cost effective results.

Present R&D partners are

* ARC
  * Infruitec-Nietvoorbij
  * Plant Protection Research Institute
  * Institute for Soil, Climate and Water

* University of Stellenbosch
  * Dept. Viticulture and Oenology
  * Institute for Wine Biotechnology
  * Institute for Plant Biotechnology
  * Dept. Chemical Engineering
  * Dept. Microbiology
  * Dept. Plant Pathology
  * Dept. Soil Science
  * Dept. Family Medicine and Primary Care

* University of Pretoria
  * Dept. of Zoology and Entomology
  * Dept. of Microbiology and Plant Pathology
  * Dept. of Geography, Geoinformatics & Meteorology

* University of Cape Town
  * Dept. Health and Science
  * Dept. Chemical Engineering

* Various private institutions
The core focus of the strategy is the establishment of problem solving, market directed, social and environmentally responsible technology invention, commercial development and transfer systems.

The complete strategy can be downloaded from www.winetech.co.za.
PROGRAMME SCOPE

The long-term global competitiveness of the South African wine industry depends critically on its ability to learn and innovate faster than its competitors.

Focus on the activities that holds the best promise and be based on the following four principles:

- A well designed, well-financed and well executed programme of research and technology development and transfer.
- South Africa’s relative limited research capacity the motto “adapt – not invent” should partially drive the application of this programme.
- Cover all the links in the wine industry value chain.
- Market directed – appropriate technology systems to integrate new farmers into the wine industry.
RESEARCH PROGRAMMES

1. Vine Virus Programme that focuses on limitation and extermination, etiology, virus resistance and support studies
2. Optimal grape composition to reach specific wine objectives
3. Terroir identification and utilisation
4. Grapevine and Wine Biotechnology: improvement of viticulture, wine yeasts and bacteria for a quality focused, market directed wine industry
5. Research projects not included in programmes 1 - 4
6. Wine industry Technology Transfer
7. Training Programme
WINETECH PROJECTS - Keywords

www.winetech.co.za
Benefits

• Winetech’s R&D and Technology transfer is aimed at increasing the profitability, sustainability and competitiveness (local and international) of the wine industry.
• Increasing the information and knowledge base of growers, winemakers and viticulturists.
• By adopting these project results producers should achieve the mentioned aims.
• Consumers benefit from sustainable, environmentally friendly produced quality products.
TECHNOLOGY TRANSFER
PUBLICATIONS


THE NUMBER OF ARTICLES PUBLISHED IN WYNBOER (TECHNICAL) FROM 2007 TO 2010.
• Summary of identified final reports with a link to the final report on the database.

• Articles from final reports published in Wynboer, included the link to the final report on the database.

All growers, students in Viticulture and Oenology at the University of Stellenbosch and Elsenburg, CPUT, Cape Wine Academy, researchers whose articles were included as well as all Winetech committee members and council members
WINETECH DATABASE

Hosted on www.sawis.co.za

- Author
- Subject
- Institution
- Journal/Magazine
- Project number
- Project leader
- Project title
- Project date
Winetech Scan

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QUESTIONS