

PRIZE WINNERS

2023 SASTA CONGRESS AWARDS

The annual SASTA Congress serves as a great opportunity for the exchange of scientific knowledge related to sugarcane agriculture and the processing of sugarcane products. Authors of outstanding papers or posters at congress are duly recognised through congress awards.

POSTER Agriculture	Position	First Prize	
	Author/s	R Jacob , R Ligege, G Meyer, S Snyman	
	Poster title	Screening genetically modified sugarcane plants for resistance to eldana larvae	
POSTER Agriculture	Position	Highly Commended	
	Author/s	M Kadwa	
	Poster title	A time-series and sensitivity analysis of the 'c' and 'd' factors in the recoverable value cane payment system - 2000/01 to 2022/2023	
STUDENT Agriculture	Position	First Prize	
	Author/s	Mugehu E , Shimelis H and Impofu LTM	
	Paper title	Challenges and Opportunities in Sugarcane Production and Improvement: A Review	
CECIL RENAUD Agriculture	Position	First Prize	
	Author/s	Nicholson R	
	Paper title	An Economic Analysis of CPI Related Notional Price Increases Coupled with Above CPI Inflation Input Cost Increases in the 2022/23 Season: From a Grower's Perspective	
CECIL RENAUD Agriculture	Position	Highly Commended	
	Author/s	Nicholson R , Dube S, Landman M and Masondo T	
	Paper title	A Snapshot of the Total Industry Sugarcane Variety Data and the 2021/22 Variety Data in the Small-Scale Grower Sector: To Start the Debate on Capturing and Evaluating This Data into The Future	

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KYNOCH Agriculture

Position First Prize

Author/s **van Heerden PDR**, Ramusandiwa TR, Chonco B, Shelembe WL, Hlela SN, Gillespie WA, Mkhabela NE, Buthelezi ME and Masondo RT

Paper title Demonstration of Chemical Ripening Best Practice and Economic Benefit to South African Small-Scale Sugarcane Growers



Position Highly Commended

Author/s **Schroeder B** and Wood A

Paper title Long-term Trials Supporting N Management Guidelines for Sugarcane Grown in the Australian Moist Tropics



Position Highly Commended

Author/s **Van Antwerpen R** and Tweddle PB

Paper title Quantifying the Contribution of Residue Retention and Fertiliser Use to the Financial Viability of a Rainfed Sugarcane Crop



JUBILEE NOMINATION Agriculture

Author/s **van Heerden PDR**, Ramusandiwa TR, Chonco B, Shelembe WL, Hlela SN, Gillespie WA, Mkhabela NE, Buthelezi ME and Masondo RT

Paper title Demonstration of Chemical Ripening Best Practice and Economic Benefit to South African Small-Scale Sugarcane Growers



TALBOT – CROSBIE Factory

Author/s **Bezuidenhoudt D**, Gokool M, Rosettenstein S and Stevens M

Paper title The new dimple tube – a technology to improve vacuum pan performance



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CECIL RENAUD
Factory

Author/s Marais F, van den Berg, Barnard L


Paper title Counterflow Air Heater for Industrial Watertube Boilers



POSTER
Factory

Author/s Moloï T and Walford SN


Paper title Development of Potentiometric Methods for the Determination of Reducing Sugars in White and Raw Sugar



JUBILEE NOMINATION
Factory

Author/s Bezuidenhoudt D, Gokool M, Rosettenstein S and Stevens M

Paper title The New Dimple Tube – A Technology to Improve Vacuum Pan Performance




About SASTA

SASTA is a technical society for persons engaged in the South African sugar industry. Its main goal is to encourage and assist in the improvement of the technical knowledge of persons engaged in the South African sugar industry. This is achieved through the following objectives:

- promoting the interchange of scientific knowledge of, and the discussion and investigation of technical problems related to, the production and processing of sugarcane products;
- promoting the improvement in the accuracy and rational standardisation of methods of factory chemical control and cane testing;
- encouraging and assisting in the improvement of the technical knowledge of persons engaged in the South African sugar industry;
- storing a vast, accessible repository of literature including Congress proceedings (<https://sasta.co.za/congress-proceedings/>);
- encouraging research into all aspects of sugarcane agriculture and sugar milling practice, and in such ancillary fields as the SASTA Council may consider fit;
- aligning all the afore-mentioned activities as far as is reasonably practicable with the governance standards specified in the King III Report on Corporate Governance 2009, or any update thereof, and achieving clean audit reports.