Stellenbosch
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Chair in Plant Health

Application Technology in Pome and Stone Fruit

The Course Presenter: Marius Ras

The Presenter

Marius Ras completed his B.Eng degree at the Stellenbosch University and started his professional life as an Engineer in Research at the Department of Agriculture in 1983. He completed his Master's Degree in Engineering in 1988, and at the same time registered as a Professional Engineer. He introducing new spraying technology like air assisted boom spraying to high value crops, and in the process researched, developed and patented many new spraying technological advancements like SYNCROFLOW, EVENFLOW, VAM, RAMP, SUPERFLOW" and CITRUSFLOW. All these technologies have been, or are in the process of commercialization, impacting positively on improved deposition efficiency of chemical and biological formulation onto the primary crop target area. He invented, developed, patented and commercialized DROPSIGHT technology.

The Course

Understanding the basic principles involved in Orchard Spray application technology.
Understanding the deposition efficiency definitions and requirements.
Understanding target specific requirements.
Combining the principles in a theoretical & practical manner to achieve the best possible set up of the spray apparatus to achieve the required spray deposition efficiency for the set target specific requirement.
Understanding the use of DROPSIGHT spray deposition measurement technology.
Target groups: Chemical suppliers, Crop advisors, Consultants, Farm managers, Crop health managers, Researchers, Spray contractors, Spray machinery suppliers.

Programme

1. Introduction
2. The basic principles of Application Technology in Orchards
3. Droplet Spectrum
4. Target specific requirements
5. What is Spray Deposition Efficiency?
6. Spray volume required
7. Air Momentum requirements
8. Critical Sprayer Specifications and Calibration Equipment required
9. Sprayer set up

Presenting type: Online
Time:
21 October 2025| 9:00-12:00
Price:
R1500 per person

Click here to register for the course

agritraining.co.za

For more information and registration:
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