

Note from the Managing Director

High quality biological products are a critical factor in driving the adoption of sustainable inputs in commercial agriculture. At RBX we believe that robust quality systems are paramount in delivering consistent product performance and help in further developing confidence in this sector. Ensuring that the quality and efficacy of our products is up to international standards and that this can also be easily and independently verified forms a major part of our commitment to being leaders in sustainable agriculture. Key to this is the dedication we show to the registration and market stewardship of all our products which would be to no avail if the quality of all products could not be assured. Obtaining our ISO 9001 certificate at the Addo facility has taken a huge amount of work and is a testament to our dedication to quality in all we do. Well done to all involved.

CHEERS, ROB

XSIT Explores X-Ray Irradiation for FCM Control



XSIT has been using Sterile Insect Technique (SIT) to control false codling moth (FCM) in South Africa since 2007, relying on Cobalt-60 gamma irradiation to sterilise moths before release. While effective, gamma sources pose safety, cost, and regulatory challenges.

To explore a safer, more sustainable alternative, XSIT has partnered with Sandia National Laboratories and South African research institutions to investigate X-ray irradiation for SIT. Trials in Johannesburg assessed X-ray effectiveness, ensuring proper sterility, moth quality, and operational feasibility. Results showed X-ray irradiation can achieve comparable sterility and moth quality to gamma irradiation.

Encouraged by these findings, XSIT has installed an X-ray irradiator at its Citrusdal facility for large-scale testing. This project represents a significant step in improving pest control methods while reducing reliance on radioactive sources.

The RB Facility in Addo is now ISO 9001 Accredited!

What an achievement! Being ISO 9001 accredited means that River Bioscience operates under a globally recognised quality management system, ensuring consistent product quality, regulatory compliance, and operational efficiency.

This accreditation demonstrates our commitment to continuous improvement, customer satisfaction, and reliable processes, enhancing trust with clients and stakeholders. It also helps streamline workflows, reduce errors, and improve overall performance, positioning our facility as a leader in quality-driven innovation.

Thank you to our incredible team for making this possible!



March Birthdays

Nomfezo Breakfast, Karen Basson, Shunell Botha, Marvin Fransman, Erenst Hugo, Mason Kordom, Adriaan Ludick, Alida Mentoer, Nomalizo Ngomane, Jason Olivier, Marshall Pieterse, Charlene Scott, Anorelle Slinger, Mochelle Snyers, Mzukisi Solani, Kleintjie Swart, Izak Theron, Sipehelele Yamapi

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