

'Extensive testing and sheer diversity of industry scope is what sets RBT apart from the crowd'.

*Adam Shay
Chief Executive Officer*



Protectus formulations Market Sectors

A suite of water preservatives, disinfectants, handwash, cleaners and sanitisers.

Food, Agriculture & Beverage

Compatible across farming, food processing / packaging and brewing where potential exists for formulations to contact foods and food surfaces.

Medical, Healthcare & Public Sector

Suitable for when Patients, Pupils or the Public come into contact with potentially contaminated surfaces and equipment.

Retail & Home

Suitable for those wanting solutions to disinfect their homes and protect their families.

Leisure, Travel and Tourism

Long lasting efficacy and easy application on high contact areas that have disinfecting opportunities.


Manufacturing & Industry

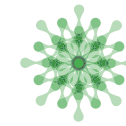
Flexible solutions for businesses looking for a non-flammable solution to safeguard their products, operations and employees.

RBT  **24/7**

www.rbt.co.za

For more information contact us at:

Andy Terblanche  +27 (0)76 973 3064  andy@rbt.co.za

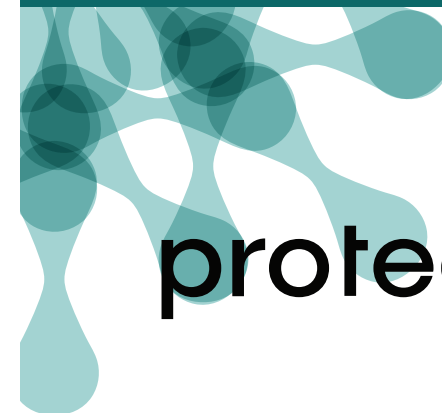


rbt****

protected by science



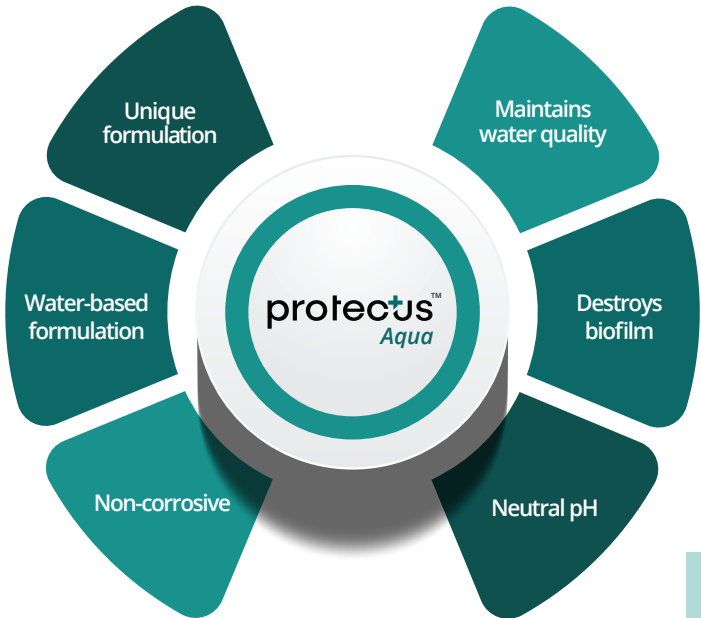
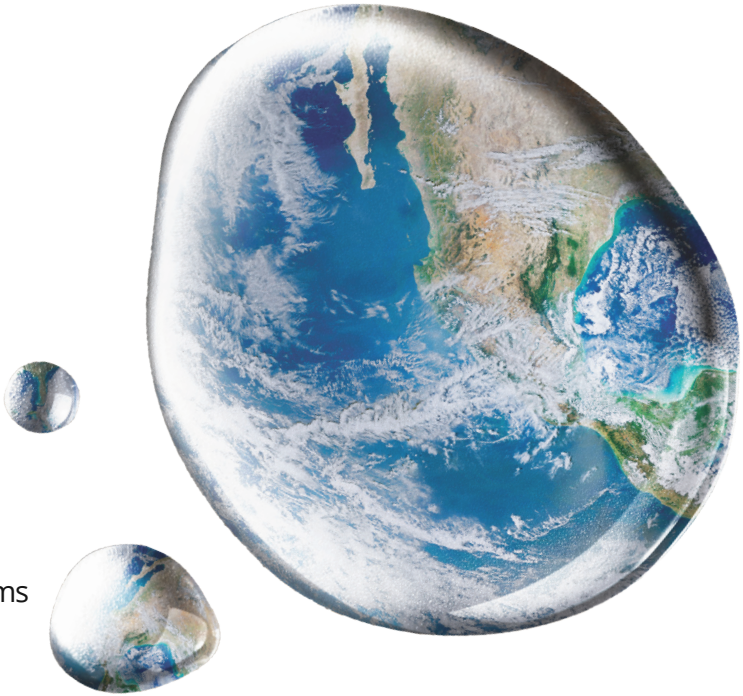
Improving animal water quality and reducing biofilm accumulation



protectusTM
Aqua

What is protectusTM Aqua?

- Water preservative that keeps drinking water in peak condition to promote gut health, allowing chickens to reach their full genetic potential.
- Taste and pH of treated water is not affected.
- Maintains low microbial load in drinking systems to support the efficacy of vaccinations.
- Removes biofilm and algae, stopping lines and drinking nipples clogging up.



We ran a trial on a three-house broiler farm to demonstrate the effectiveness of Protectus Aqua. Two houses used their own standard protocols. The third house was adapted to include Protectus Aqua into the broilers drinking water system. The trial was a great success with key performance indicators such as weight gain and feed conversion ratios greatly improved.

- Broiler mortality was significantly reduced .
- Further trials have demonstrated that breeding cycles are reduced by two days, allowing an additional cycle to be run each year.

***FCR: Feed Conversion Ratio**
EPEF: European Production Efficiency Factor

TRIAL RESULTS



HOUSE 1 STANDARD PROTOCOL

- Total placements: 53 000 Chickens
- Slaughter Age: 29.789 Days
- FCR: 1.370
- Average Weight: 1.786 kg
- EPEF: Score of 421.52
- Mortality/Cull Rate: 3.68%



HOUSE 2 STANDARD PROTOCOL

- Total placements: 53 000 Chickens
- Slaughter Age: 30 Days
- FCR: 1.346
- Average Weight: 1.847 kg
- EPEF: Score of 440.14
- Mortality/Cull Rate: 3.76%



HOUSE 3 protectusTM Aqua

- Total placements: 53 000 Chickens
- Slaughter Age: 29.708 Days **1st**
- FCR: 1.332 **1st**
- Average Weight: 1.837 kg
- EPEF: Score of 453.06 **1st**
- Mortality/Cull Rate: 2.43% **1st**