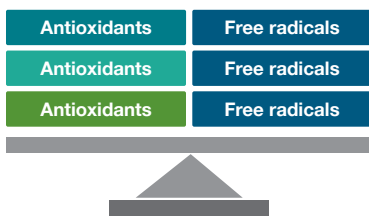


Unlock your full potential with Proviox™ 50

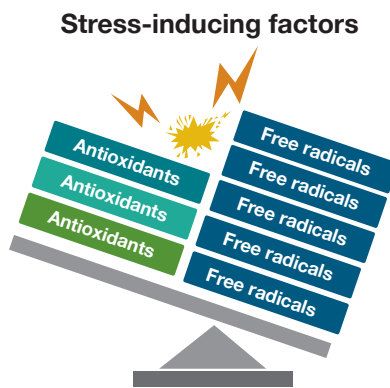


Oxidants, also known as free radicals, are naturally produced by animals – especially during periods of increased stress such as reproduction, weaning, transportation, heat, and more.

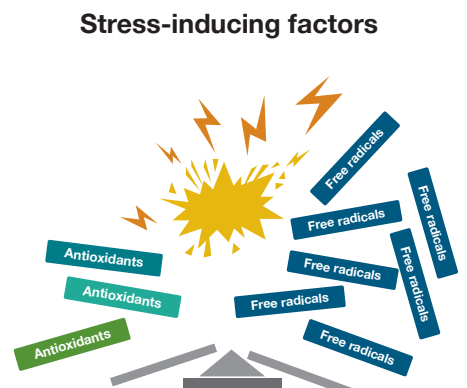
Disruption of the antioxidant/free radical balance



Under normal conditions, the balance is naturally managed by the organism and the cell's integrity is preserved



Some factors modify the balance and allow free radicals to attack the cell's membrane



If the balance is not re-established, some negative effects can become irreversible



Adapted from Aourousseau (2002)

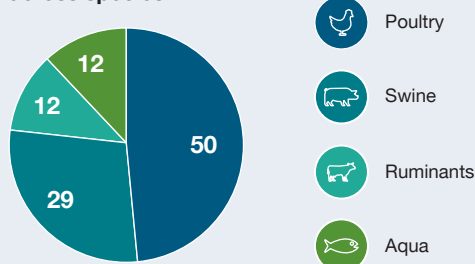
Free radicals can damage cells leaving them unable to perform their proper function and may lead to reduced performance. To neutralize these oxidants, animals depend on antioxidants. One way to protect animals against an imbalance of free radicals is to introduce polyphenols into their feed. These powerful antioxidants can help protect cells and support regeneration of the important vitamin E.

Introducing Proviox™ 50

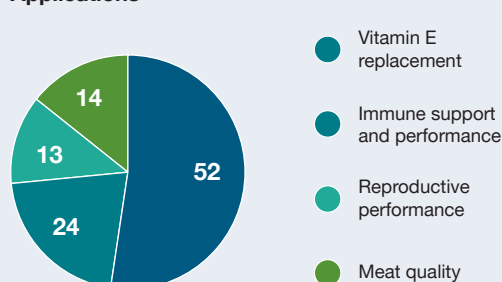
Proviox™ 50 is one of the stars of the Cargill Micronutrition and Health Solutions portfolio. It is a unique formulation of high-quality plant polyphenols, with complementary effects, which supports animals throughout their whole lifecycle, especially during challenging production phases. It is safe, stable and suitable for multiple species (poultry, swine, ruminants, and aqua). Importantly, it is scientifically proven and backed by research.

Extensive trial data on Proviox™ 50: in-vitro, in-ovo, in-vivo tests

Over 100 trials across species



Applications



Results from 100+ trials across different species - swine, poultry, ruminant, and aqua - with more than a decade of market success, have demonstrated that Proviox™ 50 can help:

- Improve oxidative status and support performance during periods of stress
- Reduce feed costs by reducing the level of vitamin E required in the diet
- Support animal performance and the quality of animal products
- Provide immune support

How does Proviox™ 50 help reduce costs?

In volatile market conditions, partially replacing the vitamin E in feed formulations can help save on cost – and Proviox™ 50 can replace up to 50% of vitamin E whilst maintaining animal performance.

How does it work?

Vitamin E in the diet scavenges free radicals. Proviox™ 50's composition enhances this function, supporting vitamin E and regenerating it to help protect cells from damage.

A precise solution

The Proviox™ 50 calculator can determine the exact dosage rate for each species, taking into account multiple factors such as vitamin E inclusion levels and feeding/growth phases.

Unlock the full potential of your animals and reduce your feed costs with Proviox™ 50 today!

Reach out to our global team of experts and dive into our Micronutrition & Health Solutions portfolio. Our specialists will provide detailed trial data for each livestock species and comprehensive guidance on product usage across all systems.



Scan to know more about Proviox™ 50

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