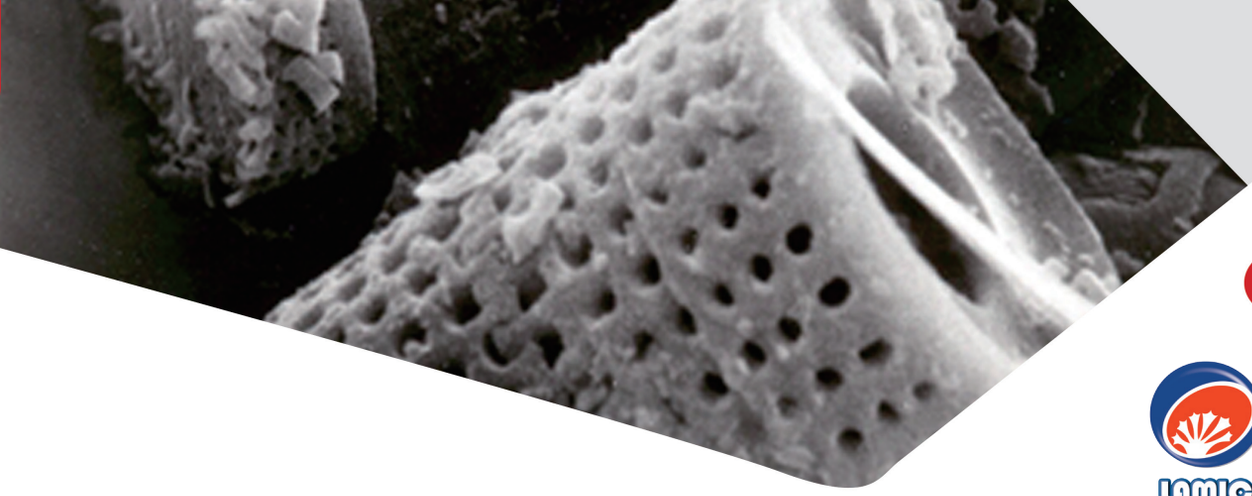
Xpel™

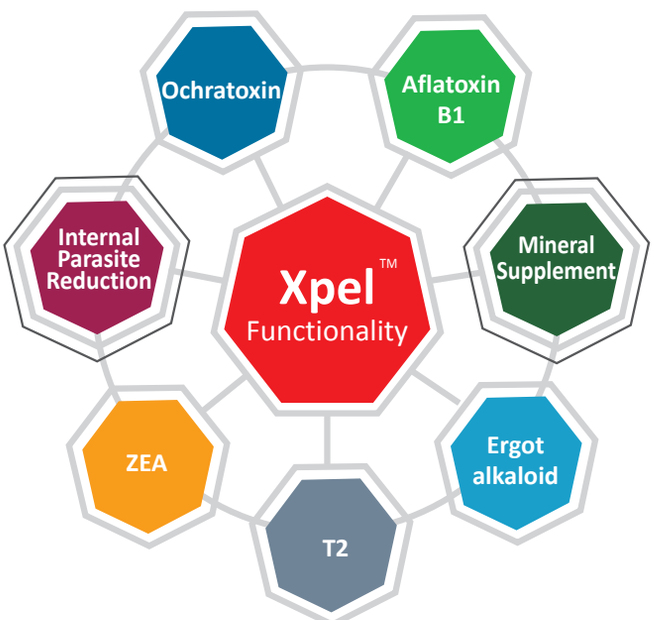
Is a unique Algae Derived broad spectrum mycotoxin binder

Xpel™ is made of high quality diatoms formed by Melosira Granulata, a species with a unique cylindrical structure offering millions of different sized pores. Xpel™ is more than just toxin binder. It is a safe and effective feed additive registered in the USA and the EU.

Natural Innovations, Merging Ideas …



Xpel™ is harvested in Queensland, Australia. Where circa 80% of this Algae source can be derived. It is naturally free of cristobalite and dioxins. These fresh water algae provide well structured high quality diatoms which are more effective and targeted in their effect.



Xpel™ in action:

- Suitable in feed for all species
- Use in Poultry and Swine at rates of:

Xpel™ is an **odourless free flowing** powder supplied in high quality **25kg** packaging.

Algebra-bio

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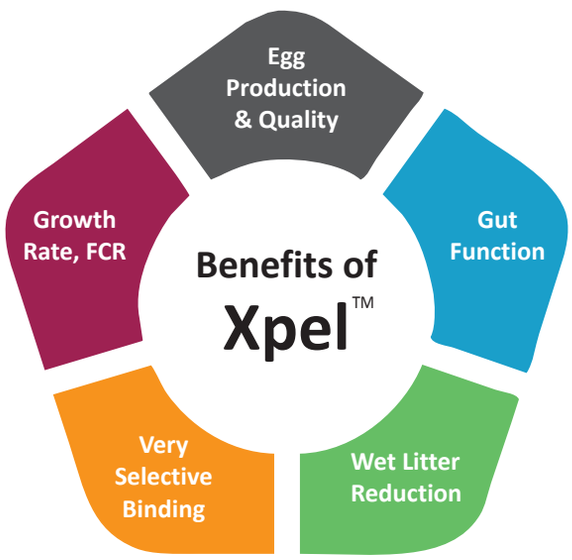
LAMIC (Laboratory Analysis Mycotoxicologic) is the official body in Brazil that assesses the efficacy of MTBs. In 2017 & 2018, LAMIC studies in Brazil for broiler species demostrated Xpel to be a **highly effective anti-mycotoxin** additive by reducing the negative effects of two important mycotoxins. Xpel is fully approved by LAMIC for use as an effective binder for **Aflatoxin B1** and **Fumonisin** - important independent endorsement.



Further Research Studies:

- **In vitro** studies on Xpel™ demonstrated that it would bind Aflatoxin and Ergotamine to over 99.9% as well as binding Zearalenone and DON.
- **In-Vivo** trials by B.P. Shivashankar, et al (2015) demostrated:
  - Inclusion of **Xpel™** at 400-800ppm could significantly **reduce the toxic effects** of mycotoxins in broilers
  - **Xpel™** has **very specific adsoption** characteristics and shown **not to bind** nutrients such as vitamins and minerals
- Positive impact on **internal parasites** when using **Xpel™**