

# Alltech<sup>®</sup> MYCOTOXIN MANAGEMENT



## Impact of Mycotoxins on Aquaculture

Mycotoxins are produced by moulds in the field, at harvest and during storage. They affect fish and shrimp health and performance in a number of ways.

### ORGAN DAMAGE

- Liver and/or kidney damage
- Scale/shell lesions

### REPRODUCTION

- Altered egg production
- Reduced embryonic survival
- Poor sperm quality

### IMMUNITY

- Increased susceptibility to diseases
- Increased shell diseases
- Repeat health treatments
- Reduced survivability



### GUT HEALTH

- Feed intake reduction or refusal
- Damage and lesions to the intestinal tract
- Altered gut microbial functions
- Increased gut pathogens

### PERFORMANCE

- Poor efficiency
- Reduced growth rates
- Smaller body weight



**Alltech®**  
**MYCOTOXIN**  
**MANAGEMENT**

**MYCOSORB A+®**

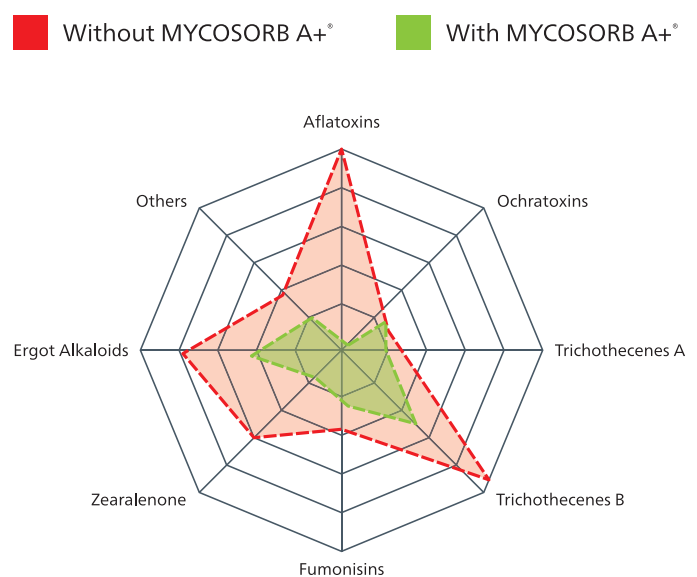


MYCOSORB A+® reduces mycotoxin absorption, negating the damaging effects of mycotoxins on the health and performance of fish and shrimp.

- A proven, broad spectrum mycotoxin binder, which tackles mycotoxin challenges as a whole rather than dealing with individual mycotoxins
- Fast acting, interacts with mycotoxins within 10 minutes
- Effective at a low inclusion level
- Proven by scientific research
  - 159 peer – reviewed published studies
  - 109 published *in vivo* trials
  - 22 published *in vitro* mode of action trials

MYCOSORB A+®, from ALLTECH®, offers producers a solution that limits the effect of more mycotoxins than ever before.

The graph on the right shows the risk associated with mycotoxin contamination in a particular feed sample with and without MYCOSORB A+®.



**TAKE THE MYCOSORB A+® CHALLENGE**

Inclusion rate 0.5 to 2.0 kg/ton of complete feed based on mycotoxin challenge and fish health status.

For more information on the Alltech Mycotoxin Management programme or support tools, contact your Alltech representative.

Alltech's Mycotoxin Management Program is designed to reduce risk while improving performance and profitability for individual animals. Actual results may vary. Program response and ROI will depend on specific farm scenarios.



ANIMALS ARE YOUR BUSINESS.  
 PROTECTING THEM IS OURS.

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