



The new Alltech® PROTECT™ Calculator, part of our Alltech® RAPIREAD™ integrated system of tools and technologies that provides the ultimate protection from the threat of mycotoxins.

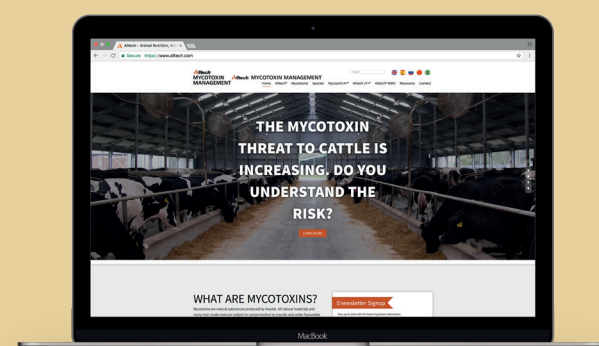
**Alltech Mycotoxin Management Program:**

**Alltech 37+®** Multiple component analysis to test for over 40 mycotoxins simultaneously

**Alltech® RAPIREAD™** A system of tools providing the ultimate protection from mycotoxins

**Alltech® MIKO** On-site risk assessment and recommendation

**MYCOSORB A+®** Superior broad spectrum Mycotoxin Binder



**Alltech®**  
MYCOTOXIN  
MANAGEMENT

**Alltech®**

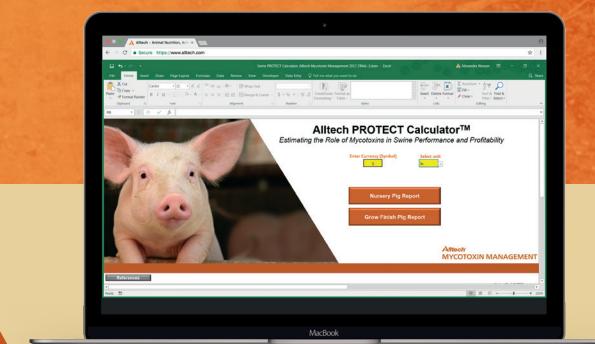
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## Alltech® PROTECT™ Calculator

A new tool developed to estimate the cost of mycotoxins on your business



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## What the Alltech® PROTECT™ Calculator can do for you



The Alltech® PROTECT™ Calculator is a new tool developed by Alltech that forms part of the Alltech® RAPIREAD™ system which provides the ultimate protection from the threat of mycotoxins.

Alltech® PROTECT™ Calculator can provide an estimation of the potential impact of mycotoxins in a selected feedstuff, forage, or complete diet based upon the contamination of that sample, as measured by Alltech's Risk Equivalent Quantity (REQ), the local market pricing and performance characteristics. The tool is available for nursery and grow/finish pigs, poultry broilers and layers, as well as dairy cows.

## Performance and profitability analysis backed by scientific research

After entering in the REQ value provided by Alltech 37+® analysis for a selected feedstuff or feed, along with local market pricing and farm specific performance characteristics, an estimation of performance and profitability loss is provided. Estimation of performance loss is based upon a meta-analysis of scientific research demonstrating a performance change in the presence of mycotoxins.

Parameters reflected in this program are those where sufficient published scientific information is available for review.

Calculations for return on investment (ROI) are based upon a review of published and internal trials demonstrating a performance change attributed to Mycosorb® in a situation where mycotoxin contamination had been identified and quantified.



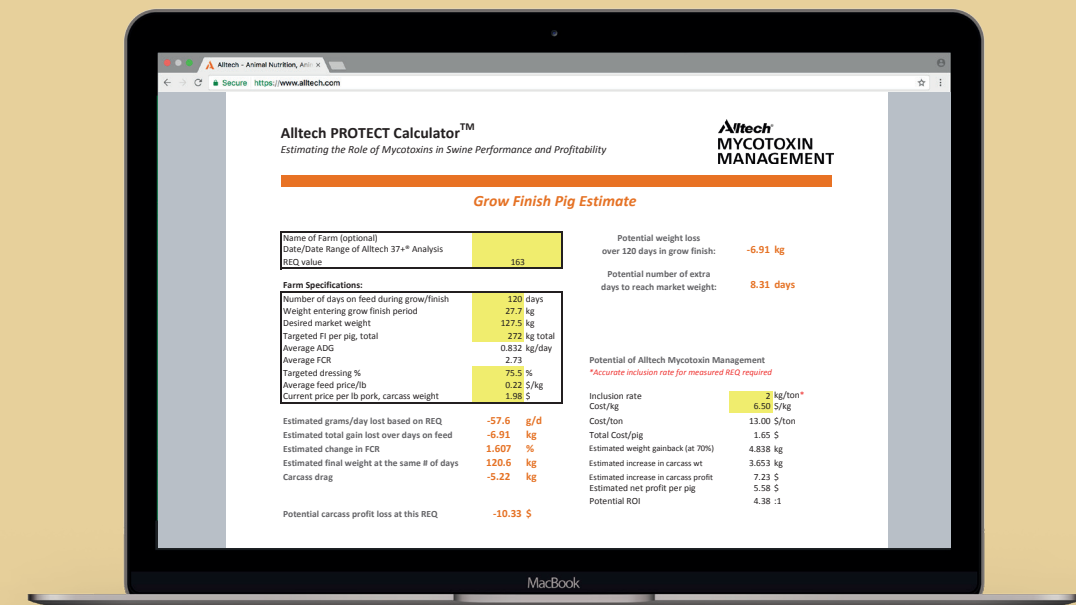
## A valuable tool that can maximise and safeguard the future of your business



This program provides an initial look at the multiple impacts mycotoxins can have on animal performance and profitability, which until recently has been largely undocumented in the animal industry.

For more information ask your Alltech representative or visit [knowmycotoxins.com](http://knowmycotoxins.com)

## Performance and profitability reports at your fingertips

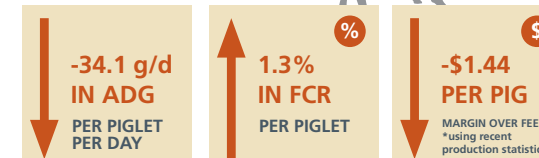


## Examples of the data received showing the performance and profitability of your livestock

### What could mycotoxins cost your herd?

Based on the average risk from US finished feed for nursery pigs from November 2016 to February 2017 analyzed by 37+®

At REQ = 79  
(average risk, highest = 317)



\*REQ = 79 is a higher level

### What could mycotoxins cost your herd?

Based on the average risk from US finished feed for grow finished pigs from Nov 2016 to February 2017 analyzed by 37+®

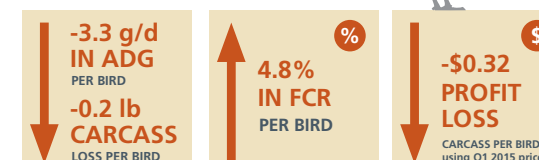
At REQ = 149  
(average risk, highest = 427)



\*REQ = 149 is a higher level

### What could mycotoxins cost your flock?

Based on the average risk\* from corn for poultry from September to October 2016 in the USA.



\*REQ = 26 for broilers

### What could mycotoxins cost your herd in milk production loss?

Mycotoxins can have many effects on cows. Loss in milk production is one response causing lower profitability. However mycotoxins can also impact reproductive performance and immunity resulting in additional loss of overall profitability.

