

Ruminant



UltraSorb R Product Range:

UltraSorb R is available in a wide range of formulations for all ruminant species, including for on farm and for pre-mixers and compounders:

- UltraSorb R
- UltraSorb R Farm Pack
- UltraSorb R Dairy for dairy cattle.
- UltraSorb R Extra *Fusarium sp.* (Fumonisin, T2, DON, HT2, ZON) risk. Damp & cool conditions.
- UltraSorb R Plus *Aspergillus sp.* (Aflatoxins) risk. Warm & dry conditions.
- UltraSorb R Core Compounders & pre-mixers. To be mixed with a binder.

Available in 25kg bags and 1 tonne tote bags.
Other volumes subject to discussion.

Ingredients:

UltraSorb is a mineral feed for use in ruminant nutrition. It includes technological additives such as bentonites, kieselgurs (diatomaceous earth), sepiolites. Composition: Calcium carbonate, yeasts products derived from *Saccharomyces cerevisiae*, propylene glycol.

ABOUT VOLAC

Volac is dedicated to developing cutting-edge product-based agricultural solutions and species-specific programs designed to improve animal health and performance.

MYCOCHECK - The Mycotoxin Analysis Service, available from Volac.
For more information go to mycocheck.co.uk



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volac



UltraSorb R

MYCOTOXIN REMEDIATOR



Ruminant

REDUCE THE IMPACT OF MYCOTOXINS

UltraSorb R

MYCOTOXIN REMEDIATOR

Ruminants can be frequently exposed to mycotoxins through feed and bedding, especially those produced by *Fusarium* and *Aspergillus* species. UltraSorb R is a species-specific mineral feed developed to help restore productivity in milk yield, growth and fertility in ruminants challenged by mycotoxins.

Major Benefits

- Protection against multiple mycotoxins
- Binding, transforming and degrading
- Maintains and contributes to growth rates
- Protects natural immunity
- Supports good fertility
- Supports overall performance
- Suitable for all ruminants



Mycotoxin Risk in Ruminants

Mycotoxins are one of the most dangerous hidden threats to livestock health, compromising growth, fertility, disease immunity and overall performance, impacting on business profitability.

Symptoms of Exposure

- Reduced milk production
- Impaired rumen function
- Poor growth and reduced body weight
- Reduced fertility, abortions
- Immune suppression
- Faecal mucous tags
- Impaired udder health
- Increased somatic cell counts
- Milk contamination from Aflatoxin (carcinogen)

Role of UltraSorb R

Our unique ruminant-specific formulation has three modes of action: highly adsorbent minerals to **bind** a wide range of mycotoxins and their derivatives to make them harmless; biologically active yeast derivatives to **transform** and **degrade** the molecular structure of mycotoxins to improve binding efficacy and protect against the adverse affects of toxin-forming moulds which may be present in the feed.

Mycotoxin Sources

Compound feeds and TMR's containing a mixture of grains, especially maize can harbour mycotoxins. Common toxins include: Aflatoxins, Fumonisin, T2, HT2, DON, ZON, Ochratoxins, Ergots and Patulin. Analysis by Volac International Ltd. has also shown that straw can be a significant source of mycotoxins. 83% of straw samples showed mycotoxin contamination (ref. Survey of Straw across the UK, 2019).



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Trialled and Tested

The **UltraSorb** range has been robustly trialled on working farms. Results from our trials have shown that cows supplemented with **UltraSorb R** showed a continuous increase in milk production, ranging from 2 to 4 litres of extra milk per cow per day.

UltraSorb R works effectively on beef cattle challenged with a range of mycotoxins.

UltraSorb R has shown to deliver increased average daily weight compared to the binder, Clinoptilolite.

Animal performance of the herd was optimised with **UltraSorb R** inclusion compared to the binder, Clinoptilolite.

