

The complete range:

IMMUNATE™ RUMENATE™ ELEVATE™

RUMENATE, IMMUNATE and ELEVATE are a range of natural, easy to use feeding solutions, giving access to Alltech's suite of technologies on your farm.

Alltech has over thirty years experience in improving animal health and performance through nutrition. These proven solutions help combat the common challenges that can compromise performance in your herd.

RUMENATE™

Promoting rumen function and feed efficiency

RUMENATE™ is designed to:

- Promote rumen efficiency and diet utilisation
- Maximise dry matter intake – closing the 'energy gap' during early lactation and restoring energy balance post-calving
- Help decrease the incidence of sub-optimal health and performance as a result of mycotoxin feed contamination

ELEVATE™

Maximising animal longevity and performance

ELEVATE™ is designed to:

- Provide essential minerals, improving hoof quality and helping to decrease the incidence of lameness
- Support udder health
- Increase trace mineral status to help promote increased reproductive performance

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Alltech®
**GUT HEALTH
MANAGEMENT**

IMMUNATE™

IMMUNATE™

Focusing the power of nutrition on the immune status of the cow and calf

A healthy immune system is essential to the protection of the cow and calf. IMMUNATE™ supports the cow's immune system in times of stress and poor immune function.

IMMUNATE is designed to:

1. Enhance the immune system response during challenging periods
2. Promote colostrum quality — essential for healthy calves



How does IMMUNATE work?

IMMUNATE focuses on enhancing the immune response of the dairy cow and calf. Our combination of proven technologies have been carefully selected to work synergistically in order to improve the overall health status of the herd through mineral nutrition.

What results can I expect to see?

Results in calves:

- ✓ Fewer cases of scours observed
- ✓ Reduced duration of diarrhoea
- ✓ Increased growth performance

Results in cows:

- ✓ Better colostrum quality
- ✓ Less variable manure
- ✓ Improved immune function

For best results, feed IMMUNATE at the rates below:

	g/cow/day
Lactating dairy cows	50
Dry cows	50
Heifers and young stock	25
Beef cattle	35
<i>Or as advised by your nutritionist or vet</i>	

The issue	The risk factor	The solution
Vaccination related immuno-depression	Post-partum stress increases cortisol levels, decreasing the critical function of immune cells and compromising the efficacy of vaccination programmes.	IMMUNATE enhances the cows antioxidant status and supports the immune system response.
Immune challenges	The peri-calving period brings a significant strain to the immune system leading to post-partum related issues and compromising calf health.	IMMUNATE Improves immune function, allowing the cow to respond more effectively to challenges.
Decreased weight gains	Heifers have additional trace element requirements for growth.	IMMUNATE contributes to a healthy thyroid, important for growth and development.

The rumen and gut

- Promotes a healthy gut for nutrient absorption
- Maintains animal health
- Reduces gut issues



Maintain immune function

- Supports immune function in transition cow
- Essential trace elements help the immune cells to respond effectively

The calf

- Enhances the selenium status of calves at birth for better growth and vitality
- Provides the calf with better quality colostrum, leading to a reduction in scours



Alltech's core competence is fermentation technology, which we have developed over the past 30 years. We work with the largest farms and feed manufacturers in the world and provide them with nutritional technologies that not only improve their bottom line, but benefit the animal and help to safeguard our planet's natural resources.