https://acrobat.adobe.com/id/urn:aaid:sc:EU:100868a5-8411-41a8-9ce2-6502268b783dVistacell

A live yeast for increasing milk yield and live weight gain through improved rumen function

Why feed Vistacell?

To support today's higher milk yields, dairy cows need to consume and digest large quantities of high energy feeds. This can be a challenge for the rumen and often fermentation is sub-optimal, resulting in lower than expected milk yields. The problem is the same for fast growing beef animals. Furthermore, many preserved forages are highly acidic and depress rumen pH (even lush spring grass can have this effect).

Vistacell improves rumen fermentation by scavenging oxygen which is toxic to rumen microbes; reducing the number of bacteria that produce lactic acid and increasing the lactic acid utilising bacteria, this elevates rumen pH which means fibre-digesting bacteria are positively affected. Additionally Vistacell supplies specific nutrients that stimulate the growth of fibre digesting bacteria. The risk of acidosis when feeding highly fermentable concentrate and acidic forage is therefore reduced, and fibre digestion improved.

The overall effect is improved fibre digestion and dry matter intake, resulting in greater productivity, better condition score and improved dung consistency.

What are you trying to achieve?

Need	Feature	Benefit
Improve Milk yield	Concentrated, live yeast	Vistacell increases milk yield by up to 2 litres/cow/day, giving a return on investment of up to 6:1.
Increased ADG	Accelerated growth rate	Fed to growing and finishing beef animals, Vistacell improves growth rate by up to 8% and feed conversion efficiency by up to 4.4%.
Highly stable	Heat stable live yeast	Vistacell has excellent stability to heat, atmospheric moisture and acidic silage. This ensures maximum response once the live yeast cells reach the rumen.
Easy to Handle	Friable free flowing granules available in bags	Vistacell is sold as a ready-to-use premix, making it easy to handle and incorporate into rations

The predicted responses (benefits) assume that the specified nutrient, physical or structural dietary components are limiting livestock performance in the current ration.

KW more than feed

0845 355 9935
www.kwfeeds.co.uk

Recommended daily feed rates (per head basis)

Include in TMR, top-dress over forage, include in a blend. Can be used in combination with AcidBuf if encountering acidosis

Dairy cows	100g/head/day (4% Premix), 50g/head/day (8% Premix)
Dry Cows	50g/head/day (8% Premix)*
Growing Beef	50g/head/day (4% Premix)
Finishing Beef	50g/head/day (4% Premix)
Sheep / Goats	25g/head/day (4% Premix)
Horses	50g/head/day (4% Premix)

* 8% premix recommended for dry cows - check ration for overall calcium content

Availability, handling and storage

Vistacell is available nationally in 20kg plastic bags, minimum order size 0.5t. The product remains stable for at least 12 months after the date of manufacture when stored in a cool, dry place.

Additional Information

Method of production

Live yeasts are fragile and must be delivered to the rumen in the live form, otherwise the benefits are lost. Vistacell is produced using a specialist drying process that results in the production of granules which have an outer layer of dead yeast cells protecting the inner 'core' of live yeast. This gives a highly stable product, resulting in a greater response from the animal when fed. Vistacell is supplied on a limestone carrier.

Vistacell is supplied on a limestone carrier. At the recommended feed rate for a dairy cow, Vistacell provides 50 billion yeast cells/day. Strain; Saccharomyces *cerevisiae* MUCL 39885. Vistacell is specifically manufactured by AB Mauri Ltd, a sister company of AB Agri Ltd.

Quality Assurance

Vistacell (CAS 68878-77-7) complies with Feed Additives Regulation 1831/2003 where it is authorised for inclusion in the diets of dairy cows, beef cattle, sheep, goats, sows and piglets. Vistacell is produced to FEMAS assured standards and is approved for use in organic systems.

Legal Disclaimer

Suggested feeding rates are produced as a guide only and many other factors may have an overriding effect on animal response; no performance guarantee can be given. Rations should be carefully balanced for energy and protein, contain sufficient forage to maintain rumen function and be fortified with an appropriate vitamin and mineral supplement. Animals must have constant access to clean water.