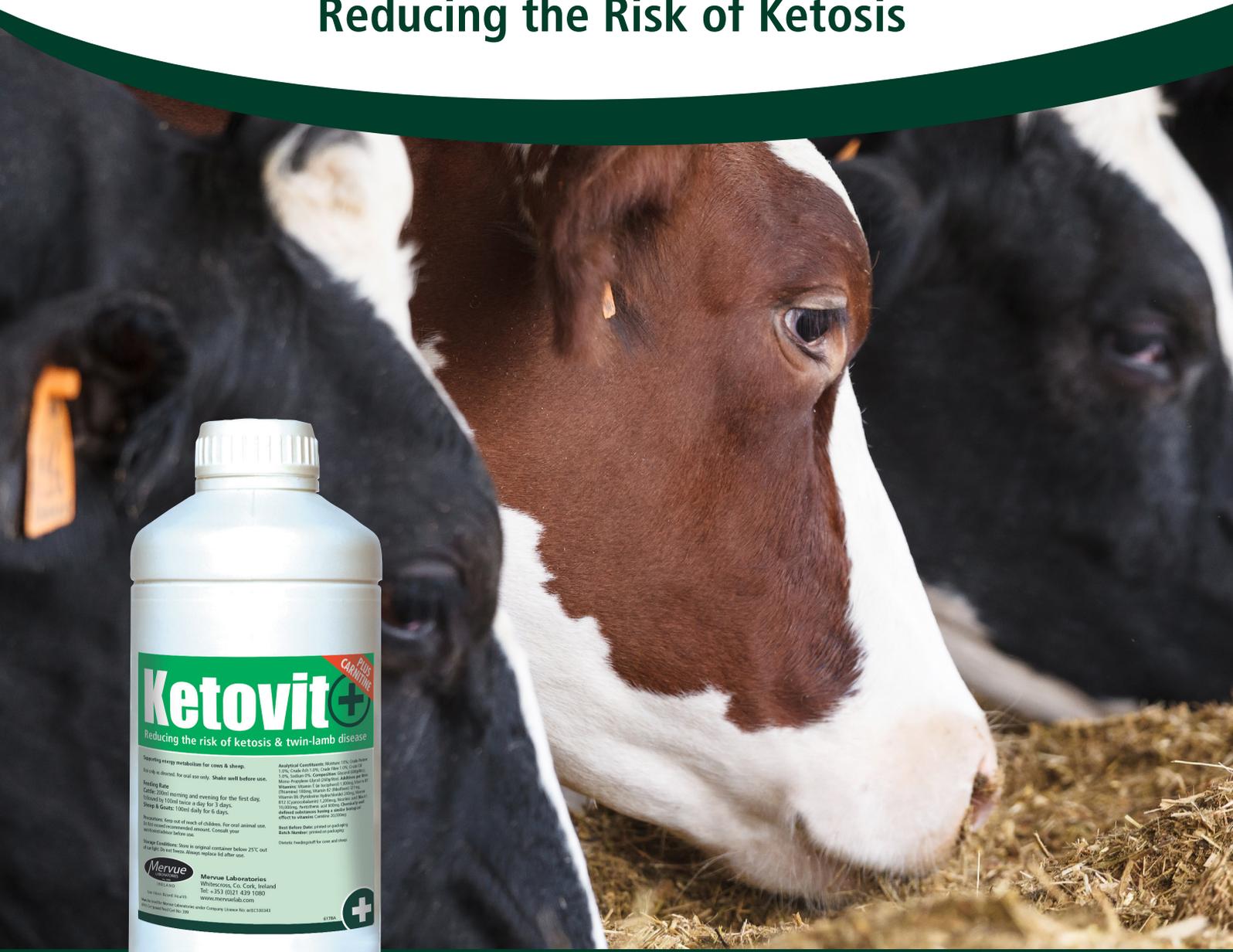




Ketovit

Reducing the Risk of Ketosis





Why should we use Ketovit+?

1. What is Ketovit+?

Ketovit+ is a nutritional supplement specifically developed and formulated for ketosis in cows.

Ketovit+ can be used as part of treatment protocols for clinical and subclinical ketosis.

Ketovit+ can also be used for fatty liver disease and used prophylactically in over conditioned cows around calving to reduce the risk severity of metabolic diseases. **Ketovit+** was formulated by a team of veterinarians and nutritionists to satisfy both veterinarians and farmers needs.

2. What are the key features of Ketovit+?

Ketovit+ promotes gluconeogenesis, reduce lipolysis, supports the removals of ketones, supports liver function and appetite and helps to reduce the risk of ketosis and fatty liver development in cows.

3. When should Ketovit+ be used on cows?

Ketovit+ should be administered

- To cows with clinical ketosis as part of a treatment protocol.
- To cows with or at risk form sub-clinical ketosis or fatty liver disease.
- As part of the management of cows with high body condition score prior to calving that are at increased risk of developing ketosis and or fatty liver disease.

- To cows which are losing significant body condition before calving example cows carrying twins or lame cows
- In farms with a history of high incidence of subclinical or clinical ketosis, **Ketovit+** should be administered at calving or as per veterinary advice.
- To provide energy to any sick animals suffering severe anorexia i.e. not eating (examples cows with metritis or mastitis after calving)

4. What are the feeding instructions for over conditioned cows, cows carrying twins or cows losing body condition before calving due to a veterinary condition?

For these animals feed 200ml daily for 5 days before calving

5. How is Ketovit+ administered?

Ketovit+ is normally fed orally. In cold conditions it can be viscous so a little water can be added to make it easier to drench. It can also be added to mixes for rumen pumps.

6. What about the stability of Ketovit+ in time?

All of Mervue products, including **Ketovit+** had been evaluated to ensure their compatibility and stability over time.

7. What about the withdrawal time and human safety concerns?

Ketovit+ has zero time withdraw period for milk and meat production and is safe for humans giving peace of mind for the farmer, for the vet and for the final consumer.



Ketovit

✓ Boosts Metabolism and Metabolisation of Ketones

✓ Provides a very available source of energy

✓ Improves Liver Function

✓ Boosts Feed Intake



Ingredients	Purpose
Glucose precursors	These are metabolised to glucose in the liver thus reducing the requirement to metabolise glycerol from body fat in glucose in the liver. Glucose is a key nutrient and can't be obtained directly from the diet of the cow.
Carnitine	Facilitates fatty acid transport into mitochondria where they can be oxidised in to energy. This reduces fat build up in the liver and the requirement to mobilise more fat from body tissues
Niacin	Large amounts of niacin support the breakdown and metabolism of ketones. At high levels ketones are the reason cows get ketosis. Sub clinical levels of ketones reduce appetite and increase the risk of other metabolic diseases.
B-Vitamins	Compromised animals have high rates of metabolism. Supplemented B-vitamins support these higher rates of metabolism, liver function and stimulate feed intake. B12 plays a role in glucogenesis.
Vitamin E	An antioxidant to support removal of free radicals generated by fat mobilisation and oxidation and to support the immune system.



FEEDING INSTRUCTIONS:

Cattle: 200ml morning and evening for the first day, followed by 100ml twice a day for 3 days.

Storage Conditions:

Store in a dry place (between 5-28°C) in original container. Keep out of direct sun light. Always replace lid after use.





IRELAND

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