

Clinical applications of Vigophos



Vigophos is a medicine used to maximise metabolic efficiency in dairy cows. It contains 2 active ingredients – Phosphorous (as butafosfan) and Vitamin B12 (cyanocobalamin).

Vigophos is licensed for the supportive treatment of secondary ketosis. Supportive treatment refers to the fact that in most cases, Vigophos will be used alongside other procedures or medicines e.g. NSAIDs, antibiotics, or fluid therapy.

Secondary ketosis is common and is the result of diseases causing a reduction in appetite in early lactation. Some clinical scenarios that can give rise to secondary ketosis by affecting appetite are:

1. Pain after difficult calving
2. Milk fever
3. Retained foetal membranes
4. Toxic mastitis
5. Metritis
6. Abomasal displacement
7. Twin births
8. Lameness (reduced mobility to feed)

The dose is 5mls per 100kg daily for 3 days, or approximately one 100ml bottle per cow course of 3 days.



How it works:

Phosphorous and Vitamin B12 are vital for the proper functioning of the three constituent parts of the energy supply pathway:

- Glycolysis
- Kreb's cycle
- Gluconeogenesis

If phosphorous and vitamin B12 are at sub-optimal levels in the body (as they often are in freshly calved or off-feed cows) the yield of energy from the cow's Dry Matter Intake will be decreased. This leads to fat breakdown in response to the energy shortfall, resulting in ketone production. This leads to ketosis, appetite suppression and a worsening of the cow's energy balance. The cow's immune system, already weakened after calving, can collapse.

Vigophos supplements the energy-challenged cow with phosphorous and vitamin B12 which helps the cow to derive as much energy as possible from food, limits fat breakdown and weight loss.

For further information on Vigophos, contact your Forte Territory Manager or email the Forte Veterinary Team at vets@fortehealthcare.com.

Vigophos contains butafosfan and cyanocobalamin. IE: POM UK: POM-V. Further information available in the SPC or from Forte Healthcare Ltd, Block 3, Unit 9, CityNorth Business Campus, Stamullen, Co. Meath, K32 D990, Ireland. Tel: 00353 (0) 1 841 7666. Email: vets@fortehealthcare.com (technical enquiries) or enquiries@fortehealthcare.com (all other queries). Date of preparation: Feb 2020. FOR145.