

Description

Volostrum for calves is a water soluble, cream powder. It should be reconstituted in water (40°C) to form a palatable solution for feeding to new-born calves. Use as a supplement or a natural alternative to maternal colostrum.

Product type

Complementary animal feedingstuffs.

Composition

Volostrum is a spray dried whey protein concentrate.

Analysis

| | |
|----------|-----|
| Protein | 76% |
| Oil | 10% |
| Fibre | Nil |
| Ash | 3% |
| Moisture | 5% |
| Lactose | 8% |

Efficacy

The high protein and energy content of Volostrum can provide nutrients for maintenance of body tissues during the first hours of life. The high concentration of nutrients in solution may restrict the ability of bacteria to proliferate in the intestinal lumen and thereby reduce the potential for infection.

Uses

For oral administration to calves, preferably within the first six hours of life. It is designed to be used as a supplement or a natural alternative to maternal colostrum. Calf Volostrum powder should be mixed with water (40°C) immediately prior to use. It should preferably be offered from a bucket via a teat for voluntary consumption by the calf although a stomach tube may be used by experienced workers.

Dosage

Mix the contents of one pouch of Volostrum, 450g, with 1 litre (1lb with 2 pints) of water according to the instructions on the pack. This will satisfy the calf and it may not wish to feed again for about 8 hours.

The following results were obtained over a period of 3 years research conducted at the Royal Veterinary College, University of London, supervised by Dr. David White.

| Results | Mortality | Incidence of subsequent medication | Weight gain (kg) |
|-----------------------|-----------|------------------------------------|------------------|
| *Colostrum | 15% | 3 treatments | 1 |
| Volostrum + Colostrum | 3% | 1.2 treatments | 25.8 |
| Volostrum | 2% | 1.4 treatments | 24.4 |

*Colostrum was available from the dam for up to 24 hours. Uptake from the dam was not always adequate and some calves showed a low immunoglobulin status as measured by the ZST test. This coincided with the high mortality and requirement for the medication for calves in this group.

A nationwide study was also undertaken using over 40 farms and Colleges. More than 750 calves were involved. The trials demonstrated that Volostrum was a highly effective substitute for colostrum. Farmers commented that Volostrum calves looked healthier and were more lively. They also commented on how easy the product was to use.

Storage

Store in a cool, dry place. Avoid direct sunlight and moisture.

Keep well sealed.

Shelf life is 36 months (3 years) from date of manufacture – see label on pack for batch number and expiry date.

Package Quantities

Available as either 450g pouches, with 12 pouches per shipper or 225g sachets, with 20 sachets per white labelled tub.

For further information contact

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