

Vetsonic[®]

Experts in your field

IMMUCOL[®]

PURE

COLOSTRUM REPLACER

A full-fat colostrum replacer which provides **high levels** of colostrum proteins and energy to all newborn calves.

HIGH
LEVEL OF
BOVINE
COLOSTRUM

HIGH
LEVEL OF
ENERGY

EXTREMELY
PALATABLE

EASY
TO MIX



Colostrum sourced from high-health herds.

Starting with a higher quality colostrum allows for a greater uptake within the calf.



IMMUCOL[®] PURE COLOSTRUM REPLACER

Benefits:

- High level of bovine colostrum
- High level of bovine fat (Energy)
- Extremely palatable
- Easy to mix

Composition: Full-fat cream powder, Bovine colostrum.

Analytical constituents: (% or per kg):

Crude protein	36%
Crude fat	27.5%
Crude ash	2.1%

Why colostrum?

Challenge

A calf is born without immunity, an immature digestive system and low energy reserves.

Directly after birth a calf is challenged by all sorts of pathogens.

Poor quality colostrum

Good dry cow management, for optimal quality and quantity colostrum.

Ensure this high quality colostrum is available 2-6 hours after calving.

No immunity

No transfer of antibodies during pregnancy.

Immunity depends completely on immunoglobulins from colostrum.

No gut micro flora are present increasing the vulnerability to infectious agents.

Infectious agents

Bacteria: E. coli, Salmonella

Virus: Rota, corona

Parasites: Coccidiosis, Cryptosporidium

Effect

➔ Diarrhoea and respiratory problems

➔ Stunted growth

➔ Increased mortality

The start of a lifetime

Management and environmental risks

Dirty calving area, calf pens or hutches increase the pathogen load.

Poor colostrum management will result in failure of passive transfer.

Colostrum management

Quality

Ensure IgG level in colostrum is > 50g/l, causing a blood IgG level of 15g/l.

Quantity

4 litres (Faber *et al.*, 2005).

Quickly

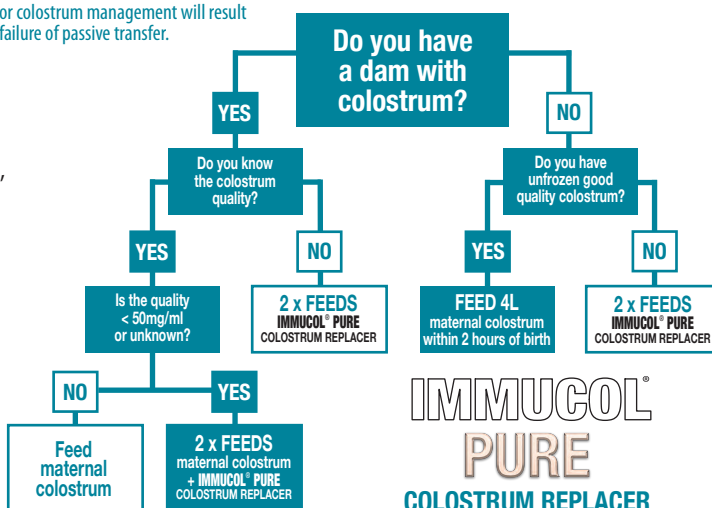
Within 1 to 2 hours of birth feed maternal colostrum or IMMUCOL[®] PURE.

Quietly

Minimise stress to ensure efficient absorption of protective antibodies.

Cleanliness

Make sure colostrum has a bacterial count of < 100,000 cfu/ml TPC and faecal coliform level below 10,000 cfu/ml.



Vetsonic (UK) Ltd
Riccald Drive
York Road Business Park
Malton YO17 6YE

T : +44 (0)1653 695333
E : info@vetsonic.com
W : www.vetsonic.com

Vetsonic[®]
Experts in your field