



ColostroBoost™

Efficient colostrum and energy supplement for calves

22 | Agro
PERFECT SOLUTIONS

ColostroBoost™



What is
ColostroBoost
?

Mode of
actions

How to use

Advantages
and effects

Benefits



What is ColoastroBoost?

Sachets with 50 g powder supplement for mixing with warm transition milk or ordinary milk.

Content:

44% protein, 13% fat, 23% lactose.

Content	ColoastroBoost, 50 g sachet
Colostrum powder with high IgG immunoglobulin content	20 g /sachet 8 g IgG /sachet
Egg powder with high IgY immunoglobulins containing calf specific E-coli antibodies	20 g /sachet
Lactose	yes
Selenised yeast, Vitamin-E and Iodine	yes

How to use ColoastroBoost?

Application

- Mix 50 grams (one sachet) in 1 – 2 litres of warm (39°C) colostrum or transition milk
- Bottle feed the calf as soon as possible after birth
- If needed repeat in the next feeding

Consumption

- 1-2 sachets per calf as supplement when needed

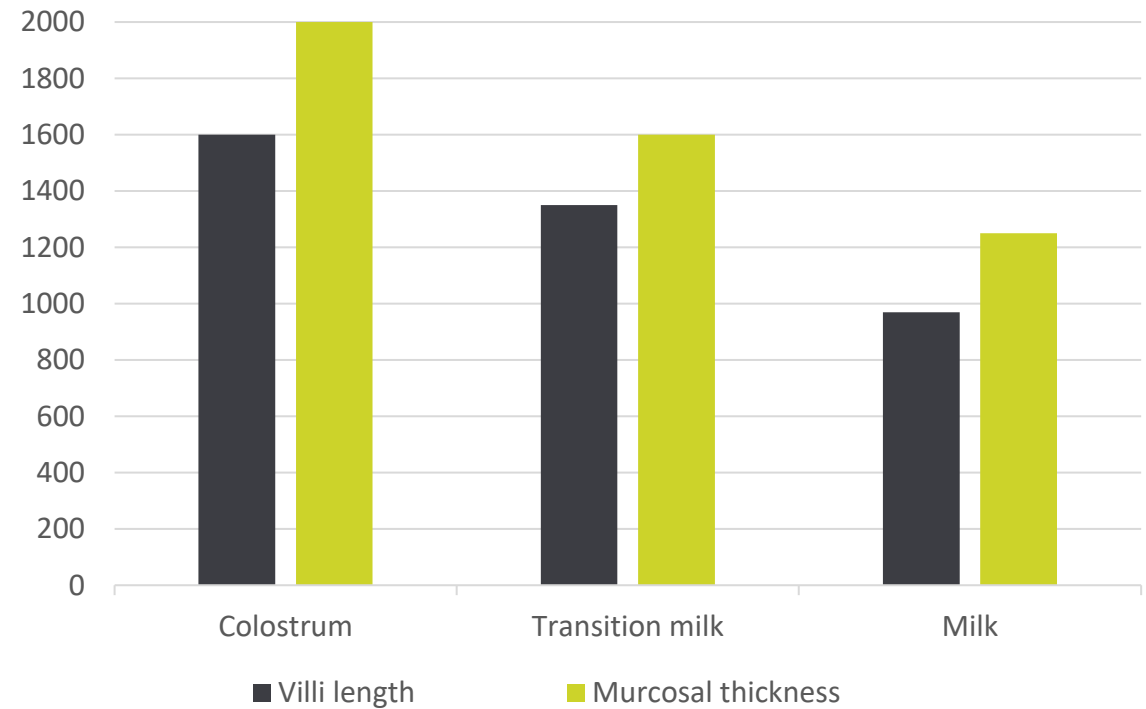
Packaging

- Sachets with 50 gram powder
- 10 sachets in a box



Benefits of optimal colostrum feeding

The development of a healthy intestine is depending on optimal colostrum feeding



Source: Yang et al. 2015

Benefits of optimal colostrum feeding

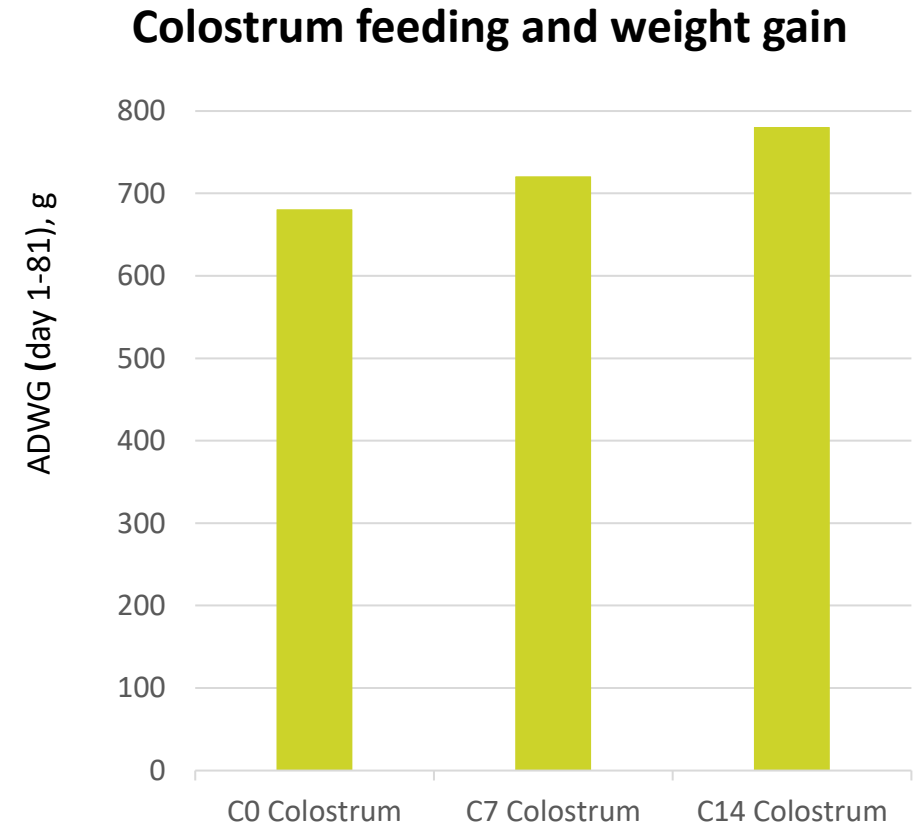
Effect on growth with 3 different colostrum feeding strategies in the first 14 days.

C0 = 0% colostrum of total milk volume

C7 = 7% colostrum of total milk volume

C14 = 14% colostrum of total milk volume

Improved gut health and up to 15% increase in daily weight gain with optimal colostrum feeding



Source: Kargar et al. 2020

Nutrient content in colostrum and milk

- Nutrient content in Colostrum differ a lot compared to ordinary milk
- The calf must have at least 200 g IgG (immunoglobulins) from colostrum
- Need for at least 4 L of good quality colostrum the first day
- Or transition milk with supply of ColostroBoost

Content	Unit	Milking no. after calving					Milk
		Colostrum		Transition milk			
		1st	2nd	3rd	4th	5 & 6th	
Dry matter	%	24	19	16	15.5	15.3	12.2
Crude fat	%	6.4	5.6	4.6	5	5	3.9
Protein	%	13.3	8.5	6.2	5.4	4.8	3.2
Lactose	%	2.7	4.4	4.7	4.7	4.7	5
Energy	MJ/L	6	4.8	3.9	3.8	3.8	2.8
IgG	g/l	81	58	17	12	nd	< 2

Source: Blum & Hammon 2000 and Sehested 2001

Benefits and effect

Mix with transition milk. 1 sachet per serving. Feeding temperature: 37-39 °C.

Ensures a good start of life. Supports a healthy gastrointestinal flora. Improved weight gain.

Supply of colostrum, antibodies and nutrients, when own colostrum supply or quality is insufficient.

Easy to use when needed. 2 years shelf life when kept in sachets.



