

**PRODUCT INFO
& DATASHEET**

SICOLAC EXTRA CF12

*Good favourable economic whey based complete calfmilkreplacer
(Protein 22.5% - Fat 12% - Ash 7.5%)*

Revised 08/2016

1. PRODUCT DESCRIPTION

SICOLAC EXTRA CF12 is a whey based water soluble complete milkreplacer. The product offers a good balance between dairy ingredients and vegetable raw materials. **SICOLAC EXTRA CF12** is a good favourable economic milkreplacer suitable for use all over the world.

2. PRODUCT SPECIFICATIONS

a) Analysis

Protein	22.5	%
Fat	12.0	%
Ash	7.5	%
Fibre	1.3	%
Humidity	max. 5.5	%
Lactose	25.0	%
pH value	5.8-6.2	
Lactic acid	1.5	%
Lysine	1.4	%
Methionine	0.35	%
Threonine	0.9	%

b) Vitamins per kg

Vitamin A	25,000	IU
Vitamin D	4,500	IU
Vitamin E	100	mg
Vitamin C	100	mg
Vitamin B1	5	mg
Vitamin B2	5	mg
Vitamin B6	5	mg
Vitamin B12	50	µg
Vitamin K	2.5	mg
Folic Acid	1.0	mg
Panthothenic acid	20	mg
Niacin	40	mg

c) Trace elements per kg

Iron	125	mg
Zinc	100	mg
Manganese	40	mg

Copper	10	mg
Iodine	1.3	mg
Selenium	0.3	mg

d) Composition

Whey powder, soya concentrate, vegetable oils (palm/coconut 80/20), wheat concentrate, premix.

3. ADVANTAGES & BENEFITS

* **Protein / fat level:** **SICOLAC EXTRA CF12** combines low fat and protein levels, which prevents the animal having digestive disorders and a very good price/protein ratio.

* **Controlled lactose:** Lactose is the standard sugar used in milk replacers as energy source (together with fat). As all sugars, lactose produces osmotic pressure in the gut and this means that lactose (and all sugars as well) has to be surrounded by liquid in order to be absorbed in the gut. When lactose is included at or over 45 to 47% of the dry matter of the milk replacer formula, the osmotic pressure (liquid pressure) in the gut reaches the critical point and physiologic diarrhoea (runny stools) occurs. Standard milk replacers normally have a 44-46% lactose in their dry matter formula, whereas Sico's milk replacers have no more than 42% lactose and the remaining sugars (up to 44%) are replaced by hydrolysed wheat and corn starch which are sugars of lower osmotic pressure. This helps keep the total osmotic pressure of the milk replacer below the critical threshold.

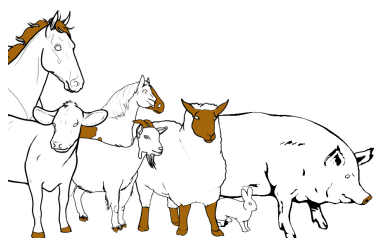
* **Minerals:** **SICOLAC EXTRA CF12** includes all necessary minerals for optimal growth. Many minerals have important functions in the physiology of the animal.

- Magnesium: important for the nerve system, building-stone of bones
- Copper: important for skin condition
- Manganese: important for fat digestion, bone formation, fertility
- Zinc: shortages result in skin diseases and Zn is part of many enzymes and important for cell-division.
- Iron: building stone of haemoglobin in red blood cells
- Selenium, for muscle building

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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EVERY TIME THE *right* SOLUTION



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4. USE & FEEDING RECOMMENDATIONS

SICOLAC EXTRA CF12 can be introduced to the calf at 3 weeks of age, after colostrum and transition milk feeding, giving an cost-effective solution for calf rearing.

SICOLAC EXTRA CF12 is easy to use and supplies all the needed vitamins and minerals for good calf performance.

- Use : 125 g/l milk
- Mixing advice : Add the powder to hot water (45-55 °C) and stir with a wire whisk. Mix to a creamy, smooth consistency and add water to make up to the required amount and feeding temperature of 39-40 °C. Make sure feeding buckets and mixing equipment's is clean.

All calves should have all the time acces to fresh, clean water and fresh, high quality calf starter and roughage.

Age	Morning Feeding (L)	Afternoon Feeding (L)	Ad Libitum acces to:
Day 13-14*	2.5	2.5	Clean water, calf starter, hay or straw
Week 3	2.5	2.5	Clean water, calf starter, hay or straw
Week 4 - 7	3.0	3.0	Clean water, calf starter, hay or straw
Week 8	2.5	2.5	Clean water, calf starter, hay or straw
Week 9	2.0	2.0	Clean water, calf starter, hay or straw
Week 10	1.5	1.5	Clean water, calf starter, hay or straw

* Start at day 13-14 mixing 50% milk with 50% SICOLAC EXTRA CF12.

5. STORAGE

- Avoid storing **SICOLAC EXTRA CF12** in warm conditions.
- Always keep the product away from direct exposure to sunlight.
- Never store in moist places.
- Secure stockroom against all possible breeding ground of insects.
- Ensure storage area is clean at all times

6. PACKING

25 kg net multiply paper bag