



Essentially...

# ProfeLAC<sup>®</sup> ESSENTIAL

## CALF MILK REPLACER

Healthy Calves. Healthy Cows.™

ProfeLAC ESSENTIAL is a non-medicated milk replacer specifically formulated to meet the essential needs of calves and a wide range of infant animals. It is designed for rearing calves on the farm of origin and/or for less intensive operations where the risk of disease is relatively low. ProfeLAC ESSENTIAL is an economical choice that is easy-to-mix and delivers consistent results.

### THE ProfeLAC ADVANTAGE

- ▶ Contains Celmanax™ to bind Cryptosporidia, *E. coli*, *Salmonella* and reduce faecal shedding
- ▶ Non-medicated formulation based on global calf research\*, development and innovation
- ▶ Tried, tested and proven
- ▶ Unsurpassed product quality, performance, technical support and calf-shed assistance
- ▶ Endorsed by leading professionals and calf specialists
- ▶ Available from leading rural resellers nation wide

### BENEFITS

- ▶ **Application** – easy-to-mix; convenient all-in-one product
- ▶ **Performance** – improve gut health to reduce scours; improve calf condition and growth rates
- ▶ **Price** – best value for quality composition and performance



**ProfeLAC<sup>®</sup> ESSENTIAL**

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 **ProviCo**  
RURAL

# THE ProfeLAC ADVANTAGE

ProfeLAC ESSENTIAL has been scientifically and uniquely formulated to comply with up to date global calf research, development and innovation:

## EASY-MIX TECHNOLOGY

Milk-soluble innovation and easy-mix technology ensures consistent ease of mixing from one batch to the next. Selecting instantised powders and avoiding stockfeed downgrade ingredients is key to product consistency and easy mixing.



## HIGHLY DIGESTIBLE INGREDIENTS

Stringent ingredient selection criteria and QA protocols ensure highly digestible ingredients are used to provide a consistent product for year-round calf performance. For more than a decade ProviCo has been the GOLD Standard for not compromising on quality ingredients.



## OPTIMUM PROTEIN LEVELS

It's simply, quality over quantity! Optimum protein levels are about quality protein (Amino Acids) in the powder not crude protein (CP) levels listed on product labels. Company research\* shows that ProfeLAC ESSENTIAL's 23% CP with added Amino-V8™ amino acids consistently outperform CMR products promoting higher CP levels.



## OPTIMUM FAT LEVELS

Overseas research shows that 20% fat levels are sufficient for rearing calves in extremely cold dairy regions of Europe and the USA. CMR with 17-20% fat levels are sufficient for rearing calves in Australia's moderate climate. Further, research\* shows too much fat delays rumen development. (\*data on file)



## CALF-SHED EXPERIENCE & SUPPORT

ProviCo infant specialists all have calf-rearing experience with ruminant nutritionist and technical support. The ProviCo infant team offer practical calf-rearing expertise to customise feeding plans for individual calf shed requirements.



# ProfeLAC FEEDING GUIDELINE

## HOW TO PREPARE ProfeLAC CMR FEEDS

1. Add ProfeLAC CMR to half the required volume of fresh, clean water at 38-40°C. Mix until fully dissolved.
2. Add water to required volume and stir to ensure homogeneous mix.

## PROFELAC FEEDING PROGRAMS

Calf Age	Twice Daily Feeding	Once Daily Feeding	Fortifying Farm Milk
	Mix 125-130g per Litre of water	Mix 200g per Litre of water	Once Daily Feeding Mix 75g per Litre of milk
1-3 Days	First Colostrum (day 1) & Transition Milk (days 2-3) – feed minimum 10% of bodyweight (3-5L) daily, divided over 2 feeds		
4-7 Days	2.0L am/pm	2.5L + Water*	2.5L + Water*
8-21 Days	2.5L am/pm	3.0L	3.0L
22 Days to Weaning	3.0L am/pm	3.5L	3.5L

WEANING can commence when calves are consuming 1kg of calf starter feed (meal, muesli or pellets) per day

Water\* - for once a day feeding programs in the first week of life, feed additional water as a separate feed to assist hydration until calves can drink freely from a trough

## BEST RESULTS

Incorporate the following steps into the selected feeding program:

Day 1	Add 5mL/head of <b>BioStart™ CALF</b> to first colostrum feeds to ensure colostrum curd, improve colostrum digestion and aid the release of antibodies for passive immunity transfer
Days 2 - 21	Introduce <b>Feed Rite Calf Starter Muesli</b> gradually from Day 2 to obtain initial acceptance then transition onto preferred calf feed from 2-3 weeks of age

**PACKS** 20kg Bag  
**WITHOLDING PERIODS** NIL  
**DOES NOT CONTAIN RESTRICTED ANIMAL MATERIAL**

ProfeLAC ESSENTIAL is a non-medicated formulation and does not contain the ionophore lasalocid. When Coccidiosis control and prevention is required please contact ProviCo to discuss a custom feeding plan.

**Healthy Calves.  
Healthy Cows.™**

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## ULTIMATE PREMIX – BIOPAK® ESSENTIAL

A unique proprietary blend of vitamins, OrganoTrace® minerals and additives specifically selected to support vital metabolic functions and health of various tissues and organs, as well as improve gut health and calf performance and reduce gastric upsets.



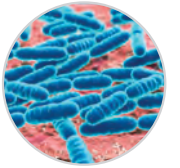
## YEAST

Live yeast stimulates activity of beneficial bacteria (probiotics) in the gut of pre-weaned calves, has a supportive role in immune function and aids digestion. Contains a specific strain of yeast that has a role in preventing gastric upsets in young animals.



## PROBIOTIC - HOST-SPECIFIC

A unique blend of micro-encapsulated, live (viable), naturally occurring microorganisms that survive and thrive when they are released into the small intestine. Specifically selected to out compete pathogenic bacteria such as Salmonella and Coliforms. Also produces digestive enzymes to aid digestion of feed when nutrients arrive in the small intestine.



## PREBIOTIC

Ultra concentrated preparation of yeast components, yeast culture, yeast extract, and hydrolyzed yeast. This unique blend provides a rich supply of fermentation metabolites which is an excellent nutrient source for calves. Research proven to bind Cryptosporidia and reduce faecal shedding. Also binds intestinal pathogenic bacteria and has a role in supporting the immune system in preweaned calves.



## MULTI SPECIES

ProfeLAC ESSENTIAL has been specifically formulated for calves however is a suitable and safe liquid milk feed for all farm animals and supplement for racing animals.

