



Ultimately...

ProfeLAC® SHEPHERD

LAMB-KID-CRIA MILK REPLACER

Australia's Most Trusted Formula.

ProfeLAC SHEPHERD is Australia's #1 Lamb-Kid-Cria Milk Replacer because it is easy-to-mix and consistently performs under all systems. It is specifically designed for rearing lambs, kids and crias however is a suitable milk replacer for multi-species including fawns, piglets, pups, calves and foals.

THE ProfeLAC ADVANTAGE

- ▶ Non-medicated formulation based on global research, development and innovation (*data on file)
- ▶ Tried, tested and proven
- ▶ Unsurpassed product quality, performance and technical support
- ▶ Endorsed by farmers and industry specialists
- ▶ Available from leading rural resellers nation wide

BENEFITS

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



ProfeLAC® SHEPHERD

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THE ProfeLAC ADVANTAGE

ProfeLAC SHEPHERD has been scientifically and uniquely formulated to comply with up to date global 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 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 SHEPHERD's 25% CP containing specific added amino acids consistently outperform products promoting higher CP levels.



OPTIMUM FAT LEVELS

Overseas research shows that small ruminants such as lambs, kids and crias require higher fat levels in their milk feeds to thrive than calves. ProfeLAC SHEPHERD provides optimum digestible fat levels based on proven research and local expertise to suit Australia's environmental conditions.



TECHNICAL SUPPORT

ProviCo infant specialists all have infant-rearing experience with ruminant nutritionist and technical support. The ProviCo infant team offer practical rearing advice for rearing lambs, kids, and crias.



ULTIMATE PREMIX – BIOPAK® SHEPHERD

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



YEAST

Live yeast stimulates activity of beneficial bacteria (probiotics) in the gut of pre-weaned infants, 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.



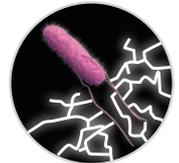
PROBIOTIC - HOST-SPECIFIC

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 animals.



MULTI SPECIES

ProfeLAC SHEPHERD has been specifically formulated for lambs, kids and crias however is a suitable and safe liquid milk feed for all farms animals and as a supplement for racing animals.



ProfeLAC FEEDING GUIDELINE

HOW TO PREPARE ProfeLAC SHEPHERD FEEDS

1. Add ProfeLAC SHEPHERD 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.

LAMB	LAMBS	Mixing Rate: 130 - 160 g/Litre	
	KIDS	Mixing Rate: 120 - 140 g/Litre	
Lambs and Kids should receive ~200mL/1Kg (20%) of its body weight in milk daily.			
DAY OF FEEDING	VOLUME PER DAY	VOLUME PER FEED	FEEDS PER DAY
1 (colostrum)	20 % bodyweight	-	-
Day 2 - 7	500 mL	170 mL	3
Week 2	1000 mL	333 mL	3
Week 3	1400 mL	700 mL	2
Week 4 - Weaning	1700 mL	850 mL	2
Weaning (7 days)	500 mL	500 mL	1
For lambs and kids sensitive to bovine dairy powders or high lactose levels, feed the lower mixing rate and gradually increase when higher body weight gains are desired. Wean between 3-5 months of age if regularly eating solid food, pasture and hay. Gradually reduce daily milk volumes until lamb or kid is completely weaned.			

CRIAS	Mixing Rate: 180 g/Litre			
	CRIAS – Alpaca & Lama			
Crias should receive ~100mL/1kg (10%) of its body weight in colostrum on day 1 and daily milk thereafter. Monitor weight regularly to determine daily feeding volume. Divide daily milk volume into 6 daily feeds for first 1-2 weeks; refer to table below. Gradually decrease feedings to 4 daily feeds by 4 weeks, then to 3 daily feeds until weaned.				
BODY WEIGHT	VOLUME PER DAY	VOLUME PER FEED	FEEDS PER DAY	POWDER PER DAY
7 kg	700 mL	115 mL	6	125 g
9 kg	900 mL	150 mL	6	165 g
11 kg	1100 mL	185 mL	6	200 g
14 kg	1400 mL	235 mL	6	255 g
16 kg	1600 mL	270 mL	6	290 g
18 kg	1800 mL	300 mL	6	325 g
Wean from 4-6 months of age provided cria has adjusted to good quality forage. Gradually reduce milk replacer feed until cria is completely weaned.				

For other species refer to the **ProfeLAC SHEPHERD MULTI-SPECIES FEEDING GUIDELINES** available at www.provicorural.com.au

PACKS 6kg Pail and 16kg Bag
ESI & WITHHOLDING PERIODS NIL
DOES NOT CONTAIN RESTRICTED ANIMAL MATERIAL

ProfeLAC SHEPHERD 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.



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