



THE NATURAL CHOICE FOR HEALTHY GROWTH

The natural choice for healthy growth and performance

Lamb and kid range



Ensuring a healthy future for your farm





For the youngstock rearer, business success means balancing a wide range of factors. At the heart of this challenge lies the need to look after your youngstock and improve productivity, while controlling overall workload and costs.

Youngstock rearing is one of the most intensive and satisfying aspects of livestock farming and has always been considered important. However the true picture of just how crucial successful rearing is to the overall health and performance of an enterprise is now becoming clear.

Milkivit stands for dedication to quality milk replacers for over 60 years, and this experience combined with the latest scientific knowledge can help you ensure a healthy future for your farm.



The best start for healthy performance



With the ever present need to protect and nurture your animals and your business, it is common sense to want to give youngstock the best possible start to life. Milkivit provides a range of options to help you do just that.

Quality of ingredients is what we're all about and our milk replacers contain the perfect balance of nutrients to rear strong and healthy lambs and kids.

Lamb feeding and management

Specially designed lamb milk replacers containing carefully selected dairy products offering outstanding performance and economy on all restricted systems and through most automatic feeders (seek advice from your supplier).

In all feeding situations ensure lambs have free access to fresh drinking water, straw and concentrate at all times.

Age (days)	Liquid diet (litres)	Total daily	Number of feeds or mixture	Lamb pellets	Other information
0-1	Colostrum	To appetite	–	–	Good barley straw or hay and clean water available ad lib
2-3		0.5	4	–	
4-6	Lamb milk	0.75	4	On offer	
7-14		1.0	4	On offer	
15-21		1.0	3	100g	
22-28		1.0	2	200g	
29-35		0.5	1	200g	
36-42		0.25	1	300g	

Restricted feeding schedule

Mix lamb milk powder at a concentration of 200g per litre (i.e. 200g powder for 800ml of water).

Restricted feeding – mixing

1. Pour in approximately one third of the required water or more, to ensure the bottom of the bucket is covered.
2. Add required quantity of lamb milk powder.
3. Add remainder of hot water to bring to correct concentration.
4. Mix at 42°C, feed at 40°C.

Machine feeding

1. Calibrate the machine to feed at a concentration of 200g per litre.
2. Offer 2-3 bottles of 125ml (depending on the size of the lamb) each feed, to encourage lambs to suckle from the teat.
3. Introduce the lamb to the machine system and ensure they suck from the teat.
4. Observe lambs regularly and ensure all are feeding normally.

Cool ad lib feeding

1. Mix and feed at a concentration of 200g per litre.
2. Add required amount of powder to warm water (approx. half of the total mix) and stir vigorously.
3. Add remaining (cold) water to achieve correct quantity and concentration.
4. Offer 2 warm bottle-feeds of 125ml (depending on the size of the lamb) to encourage them to suckle from the teat.
5. Offer 2 bottle-feeds using cool or tepid water to encourage lambs to drink cold milk.
6. Introduce lambs to teat on cold ad lib system and ensure lambs suckle from the teat.
7. Observe lambs regularly and ensure all are feeding normally.

The best start for healthy performance



Kid feeding and management

It is essential that all kids receive an adequate amount of colostrum within a few hours of birth; half a cup of colostrum which is fed within 30 minutes of birth will be sufficient. If kids are being moved

onto the site then they should have a rest period of around 6 hours before being fed any milk replacer.

Mixing

Twice daily feeding:

Mix with water at the rate of 150g of powder i.e. 150g powder for 850ml of water. Higher levels of powder (200g powder + 800ml water) can be used to increase growth weights.

Machine feeding system:

Follow machine manufacturers recommendations or contact your specialist. For the first 2-3 feedings after being removed from the mother, individual bottle feeding may be necessary to adapt to the teat.

To mix:

1. Sprinkle the required amount of powder into a bucket of warm water (approximately one third of the total amount required).
2. Whisk briskly.
3. Add hot and cold water to obtain the amount required at the correct concentration and feeding temperature.



Liquid feed intake and growth

Age of kid (days)	Litres of milk replacer per day required	Water provided
0-7	0.5-0.7	At all times
7-weaning	1.0-1.5	At all times

* Greater levels of intake and increases in growth rate are possible.

Weight gains will vary between 140g and 250g per day until weaning (1.5kg growth/week can be obtained in well managed systems).*

Weaning

Weaning kids can be undertaken when a weight of 10kg has been achieved, however kids that are weaned at an early age can be susceptible to a greater weaning shock compared to those weaned at a later age. Weaning shock requires a higher standard of husbandry to avoid detrimental effects to the kid.

Before weaning, kids must be consuming high quality solid food. The ration at weaning should contain a minimum amount of 11MJ ME, 18% CP and a vitamin and mineral mix. Clean water should be available at all times. High quality roughage should also be provided to aid rumen development.

Key results



For the young animal

Milkivit offers:

- The combination of a complete nutritional profile whilst also being free from pathogens such as *Salmonella* and *E. coli*
- This helps to support your young animals' optimal growth

For the farmer

Milkivit gives you:

- Peace of mind that you are doing the best for your young animals
- The business benefits of improved performance

And don't forget that we also offer expert support to help you use Milkivit to raise healthy, more productive young animals.

Good for your animals, good for your business



Milkivit milk replacers are made using the highest quality ingredients to help provide the best possible nutrition. Formulated to meet different rearing and business objectives, all the products shown on the following pages meet stringent quality criteria to help get the most from your young animals.

All Milkivit products contain Greenline™, a synergistic blend of nutritional ingredients designed to help support and maintain optimum health and animal performance.

Milkivit formulations have been specifically developed using:

- Carefully selected milk solids with maximum nutritional value
- Balanced blends of vegetable fats and oils, homogenized and emulsified for maximum digestibility
- A full supplement of vitamins, minerals and trace elements

All Milkivit milk replacers can be supplied as free-flow formulations if required.

The natural choice for healthy growth

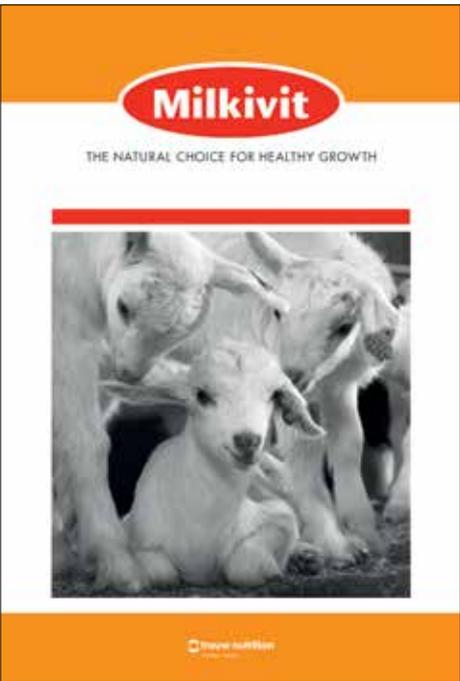
Lamb range

Milkivit Lacto Lamb		Milkivit Lamb Traditional		Milkivit Lamb Complete	
Protein	20%	Protein	24%	Protein	24%
Oil	30%	Oil	24%	Oil	24%
WHEY BASED		SKIMMED MILK BASED		WHEY BASED	
<p>Formulated to provide exceptional energy density and value for money, desirable in today's challenging market. Lacto Lamb is an exceptionally high-energy milk replacer that delivers an important energy boost to the young lamb, coupled with economy of rearing.</p>		<p>A high quality easy-mix skimmed milk based product offering excellent performance and cost-effective rearing. Supplemented to support the lamb's own protective mechanisms.</p>		<p>A high quality whey based milk replacer with balanced levels of oil and protein to provide the complete package for efficient growth. Suitable for use in warm and cold ad-lib feeding systems.</p>	
Code: 10281565	10kg	Code: 11330625	10kg	Code: 12306955	10kg
Code: 11062585	20kg	Code: 10282585	20kg	Code: 12252245	20kg





Kid range



Milkivit Kid Plus	
Protein	23%
Oil	23%
WHEY BASED	
A high quality whey based product, ideally suited to the professional goat farmer looking for high performance.	
Code: 11070105	25kg

Milkivit Kid Cream	
Protein	22%
Oil	22%
SKIMMED MILK BASED	
A high quality skimmed milk based product, ideally suited to the professional goat farmer looking for high performance.	
Code: 11068085	25kg

Reasons to choose Milkivit milk replacers

- Helps give young animals the best possible start
- Excellent palatability, solubility and digestibility
- Contain Greenline™ to help support and maintain optimum health and animal performance

For advice about the full range of Milkivit milk replacers for calves, lambs and kids ask your feed supplier, nutritionist or young animals specialist. To learn more visit trouwnutrition.co.uk



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For more information
trouwnutrition.co.uk

Milkivit is a brand of Trow Nutrition, a Nutreco company.

Trow Nutrition is a global leader in innovative feed specialities, premixes and technical services for animal nutrition. Quality, innovation and sustainability are the guiding principles behind everything we do – from research and raw material procurement, to the delivery of cutting-edge products and services for agriculture.

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