



PUTTING THE WHOLE IN WHOLE MILK

PROMIKS is a vitamin and mineral whole milk supplement, to make up for the nutrients which are lacking in whole milk. It also contains **Grober Pro-Gro™** to promote a healthy gut environment

PRODUCER PROFILE

- ✓ Excess whole milk on farm
- ✓ Desire to use whole milk
- ✓ Calves not doing well
- ✓ Looking to improve gut health

FEATURES & BENEFITS

- ✓ Easy to mix into whole milk
- ✓ Pro-Gro™ package for good gut health
- ✓ Source of essential vitamins and minerals deficient in whole milk
- ✓ Good source of B vitamins

VITAMIN & MINERAL NUTRITION

	Whole Milk	Calf Requirement (NRC)	+Promiks
Copper	0.1 ppm	10 ppm	10 ppm
Iron	3 ppm	40 ppm	120 ppm
Zinc	30 ppm	40 ppm	140 ppm
Vitamin D	307 IU/Kg	600 IU/Kg	5000 IU/Kg
Vitamin E	8 IU/Kg	50 IU/Kg	245 IU/Kg
Thiamin	3.8 ppm	6.5 ppm	15 ppm
Vitamin B12	0.04 ppm	0.07 ppm	0.10 ppm

Calf requirements have been set in the NRC 2001, however, these are requirements to avoid signs of vitamin/mineral deficiency, whereas conditions on farm (health challenge, thermal stress, hygiene, etc.) may increase requirement

PROMIKS

WHY VITAMINS & MINERALS ARE IMPORTANT

- ◆ As the rumen is not yet developed, B vitamins produced by rumen microbes are likely very low
- ◆ Fetal reserves (i.e. body stores at birth) can vary, with some reserves such as iron, becoming depleted before calf starter intake is significant enough
- ◆ During the first 3-4 weeks of life a calf is entirely dependant on whole milk or milk replacer to deliver all essential nutrients

MIXING AND FEEDING DIRECTIONS

1. Directions for use must be carefully followed! Toxicity a concern if not.
2. Maximum 5g of Promiks per 1L of whole milk to be fed
3. Mix directly into warm whole milk. Recommended to add after pasteurization, if done.

SUGGESTED FEEDING SCHEDULE

Calf Age	Promiks Supplement per Feeding	Litres per Feeding
Day 2-4	10g	2L
Day 5-7	12.5g	2.5L
Week 2-7	15-20g	3-4L
Week 8 (weaning)	10-20g	2-4L

Note: Promiks is not a whole milk balancer or extender, and will not significantly increase the percentage of milk solids.

- ◆ 5g per litre of whole milk provides supplementary minerals and vitamins deficient in whole milk
- ◆ 5g per litre of whole milk provides the equivalent Pro-Gro™ package found in Grober Nutrition's premium calf milk replacers, Achieve Pro-Gro™, Excel Pro-Gro™, and High Performance Pro-Gro™

Ask your Grober dealer about
purchasing Promiks today



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RIGHT FROM THE START™
MORE THAN MILK REPLACER



We offer premium quality, balanced nutrition, hands-on research and a variety of products for your farm.

We're your young animal specialists, balancing the art and science of young animal nutrition. Proudly Canadian.