

*Boost energy intake
during cold weather*



**Vita Plus
Calf Program**

Growing Tomorrow's Herd

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The need for more energy

Environmental factors can have major effects on the energy requirements of young calves. Newborn calves are particularly vulnerable to temperature changes. The newborn calf has a thermoneutral zone that falls between 55 and 77 °F. Within this range, the calf doesn't need to dissipate or conserve heat to maintain body temperature. However, when the ambient temperature drops below 55 °F, newborn calves need to expend extra energy to maintain body temperature. If these increased energy requirements are not met, calves will lose bodyweight and have suppressed immune systems.

Extra energy can be provided by increasing the amount of liquid diet per feeding, increasing the number of feedings per day, or increasing the energy density of the diet with Calf Energize.

Easy-to-feed extra energy

Calf Energize is a high-energy supplement and instant-mixing fat source designed to increase the total energy level of whole milk or milk replacer. It keeps calves in positive energy balance to support growth and health during periods of cold stress.

Calf Energize is a dry, free-flowing fat product that has been emulsified and blended with dry proteins. Its small particle size and dry form make it easy to handle and mix into milk solutions. The high-quality fat used in Calf Energize assures high digestibility.

Feeding instructions

Mix twice daily into reconstituted milk replacer or pasteurized whole milk. Mix into warm solution (110 to 120°F). Transition the calves slowly to the winter feeding program to allow the digestive system to adjust. Changing solids levels too quickly may result in bloating and calves going off feed.

Avg. daily high temperature, ° F	Calf Energize (oz/feeding)	
	Calves <3 weeks old	Calves >3 weeks old
50	1.0	0
40	1.5	1.0
30	2.0	1.5
20	Add a third feeding of milk replacer	2.0
<10	Add a third feeding of milk replacer	Add a third feeding of milk replacer

*Based on a 10-oz feeding rate of milk replacer.