



BOOST™ & PROTECT™ DAIRY

FOR NEWBORN DAIRY CALVES ON LARGE OPERATIONS

BOOST Frequently Asked Questions

What is Boost?

Boost is a nutritional supplement that is added *directly to colostrum* and fed as the calf's first meal. Boost delivers an additional 30 grams of globulin protein, providing *instantly better nutrition* for newborns.

How is Boost different from a typical colostrum supplement?

Boost is the only product on the market that is added *directly to colostrum* and fed. Adding Boost allows you to use lower quality colostrum, and saves time because you don't have to follow the colostrum feeding with a colostrum supplement.

How will I know when to use Boost?

Some producers use Boost with every new calf to ensure the very best nutrition. Others use Boost just when their colostrum quality is low. A simple test with a Brix refractometer or colostrometer will help you determine when to use Boost:

BRIX REFRACTOMETER READING	COLOSTROMETER READING	ACTION TO TAKE
22% or higher	Green (Good)	Feed colostrum as-is
20.0% to 21.9%	Yellow (Fair)	Add Boost and feed
19.9% or lower	Red (Poor)	Add Boost and feed*

*Readings below 20% (or Red) may require the use of a colostrum supplement such as LIFELINE Protect™ Dairy.

Exactly how do I mix Boost?

Using the feeding guide below, mix Boost with warm colostrum and stir with a whisk or electric mixer until the powder is completely dissolved. Pour into bottles and feed to the calf as soon as possible following birth. If colostrum has been refrigerated or frozen, warm to 105°F before mixing with Boost.

FEEDINGS	BOOST	WARM COLOSTRUM
1 calf	½ lb	1 gal
2 calves	1 lb	2 gal
5 calves	2.5 lb	5 gal

Does Boost make colostrum too thick to feed?

No. Boost is made from a highly concentrated source of globulin protein, which results in a smaller amount of powder that mixes easily into colostrum, and is easy for calves to eat and digest.

What is the shelf life of Boost?

Boost has a 24-month shelf life when the product is stored unopened at room temperature in a dry place. Once exposed to air, the powder should be used within a few days. Once Boost is mixed with colostrum, it should be used immediately and never stored.

PROTECT DAIRY Frequently Asked Questions

What is Protect Dairy?

Protect Dairy is a colostrum supplement that is mixed with water and fed *in addition to* colostrum. Protect Dairy delivers an additional 50 grams of globulin protein per feeding, plus other nutrients calves need for optimal health and performance.

When should Protect Dairy be fed?

Protect Dairy should be fed *after* the colostrum feeding, but within the first 4 hours following birth. A second feeding should be given 8 to 12 hours later.

Can I feed Protect Dairy after a calf is 24 hours old?

Protect Dairy will have its greatest impact on calves when it is fed within 4 hours following birth, and again 8 to 12 hours later. However, for calves arriving at the calf ranch, Protect Dairy can be fed after 24 hours of age to help support the animal during stress.

Can I just add Protect Dairy to colostrum?

Protect Dairy should be mixed with warm water only. When Protect Dairy is added to colostrum, the increase in total solids content often results in a mixture that is too thick to effectively feed the calf.

Exactly how do I mix Protect Dairy?

Using the feeding guide below, mix Protect Dairy with warm (105°F) water and stir with a whisk or electric mixer until the powder is completely dissolved. Pour into bottles and feed immediately.

FEEDINGS	PROTECT DAIRY	WARM WATER
1 calf	1 lb	1.5 qt
10 calves	10 lb	3.75 gal
25 calves	25 lb	9.5 gal

How well does Protect Dairy mix in water?

Protect Dairy is one of the best mixing colostrum supplements on the market. It mixes fast and is easy for calves to eat and digest.

What is the shelf life of Protect Dairy?

Protect Dairy has a 36-month shelf life when the product is stored unopened at room temperature in a dry place. Once exposed to air, the powder should be used within a few days. Once Protect Dairy is mixed with water, it should be used immediately and never stored.