

# TRANSITION

Days 2-14



## Do you want to improve the health and performance of your calves beyond day one?

Colostrum can be fed after the first day of life to improve gastrointestinal health to create a healthier, more productive calf. Naturally, cows continue producing smaller amounts of colostrum after a calf is born, so this application mimics that transition milk by adding colostrum powder to the calf's whole milk or milk replacer diet for the first two weeks of life.

This simple guide mimicks transition milk with colostrum powder. Determine your herd's health challenge level, calculate the grams of colostrum powder to add to your calves' whole milk or milk replacer diet and feed for the recommended duration.

Health Challenge Level	Feeding Recommendation	Duration
LOW CHALLENGE	70g powder/ day	10 days
MODERATE CHALLENGE	95g powder/ day	12 days
HIGH CHALLENGE	120g powder/ day	14 days

If feeding whole milk, add the powder directly to the milk. If feeding a balancer or milk replacer, you must first subtract the milk powder grams that you are substituting with colostrum powder.



*Chamorro et. al J Dairy Sci. 2017 Vol 100 (2) (Berge et. al, J. Dairy Sci. 2008, 92:286-295*

Whole colostrum naturally offers a combination of bioactive factors that support and develop the multiple layers of the small intestine, which is still developing throughout the first two weeks of a calf's life. Other products such as vaccines, probiotics, prebiotics or other additives do not have this same beneficial effect, as they do not support all developing layers of the small intestine.

Group	Abnormal manure	Respiratory disease	Depression	Abnormal navel
Milk replacer	87%	54%	78%	73%
Supplemented with colostrum*	13%	46%	22%	27%
<b>Risk reduction when adding colostrum</b>	<b>85%</b>	<b>64%</b>	<b>79%</b>	<b>72%</b>

*Chamorro et. al J Dairy Sci. 2017 Vol 100 (2)*