

AUSTRALIA'S
ONLY
DRIED BOVINE
COLOSTRUM

Kwik Start

**Fast-acting, immune building
bovine colostrum supplement**

"Attention to detail is paramount in colostrum management, or the first three weeks of a calf's life will be a colossal challenge. It makes sense to use Kwik Start to bolster colostrum when it falls short in quality or quantity, if there is bad weather [thus increased environmental challenge], or a lot of heifers calving, because we know that their colostrum is usually inferior to that of a mature cow."

– Dr Robyn Plunkett BVSc



Kwik Start is Australia's only dried bovine colostrum supplement. It boosts colostrum concentration, naturally.

With high levels of immunoglobulins and antibacterials, you can count on Kwik Start to give your calves, foals, lambs, kid goats, cria (alpaca), piglets or fawns a flying start.



Available in 4kg & 400g



DASCO
HYGIENE • HEALTH • NUTRITION

Est. 1960



WHY COLOSTRUM IS CRITICAL

Newborns are born with no immunity, and it takes two to three weeks to develop.

During that time, a newborn's defence against bacteria/infection lies in the Passive Immunity Transfer (PIT) of immunoglobulins (a group of proteins with active antibodies) it receives from maternal colostrum.

Maternal colostrum is the first milk produced after birth. It is high in protein, immunoglobulins, and antibacterials.

For example, by the time a calf is 12 hours old, its ability to absorb those precious antibodies through PIT has fallen to 20%. At 24 hours old, that percentage has dropped to just 5%.

The quality of maternal colostrum varies, and if it doesn't include enough immunoglobulins, newborns will not achieve PIT.

One third of calves left to suckle from their dams naturally will not achieve PIT.

Failure to achieve PIT is a sure-fire way to have more sick calves, and higher mortality rates.

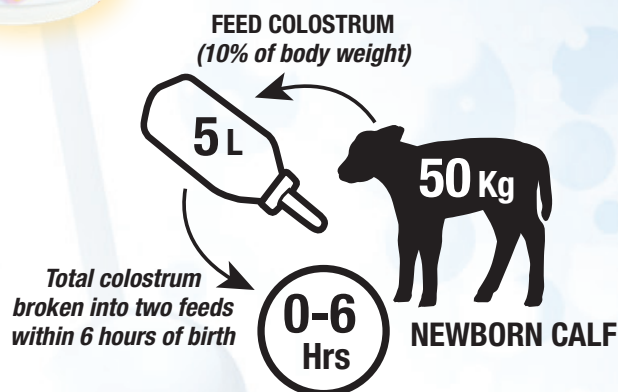
WHAT TO DO FOR NEWBORNS

First 12 hours: Prepare a daily dose of Kwik Start referencing the feeding guide from the Animal Feed Chart (see below).

With maternal colostrum: Add 200g of Kwik Start to a minimum of 2 litres of colostrum.

Without maternal colostrum: Mix 200g of Kwik Start in 650mls of warm water. Repeat within the first 6 hours.

Feed a minimum of 10% of the newborn's birthweight in colostrum with the recommended rate of Kwik Start within the first 6 hours after birth (see Animal Feed Chart table below).



KWIK START – ANIMAL FEED CHART

Animal Bodyweight (kg)	Kwik Start Powder (g)	+	Warm Water (ml)	=	Total Mixed Qty (ml)
1-2	15		48		60
2-3	20		64		80
3-4	25		80		100
4-5	30		96		120
5-10	60		190		240
10-20	100		320		400
20-30	130		420		520
30-40	160		510		640
40-50	200		650		800

Calves & foals – Mix 200g in 650ml of warm water, or blend 200g with maternal colostrum (if available) to boost its strength. With maternal colostrum: Add 200g of Kwik Start to a minimum of 2 litres of colostrum.

Without maternal colostrum: Mix 200g of Kwik Start in 650mls of warm water. Repeat within the first 6 hours.

Lambs & kids – 25g in 80ml of warm water (feed 4 times within the first 24 hours).

KWIK START KEY INGREDIENTS:

- LACTOFERRIN** – binds iron and facilitates its uptake from the intestine.
- LACTOPEROXIDASE** – is bacteriostatic to a wide range of bacteria in the presence of thiocyanate and hydrogen peroxide generating enzymes.
- MANNAN OLIGOSACCHARIDES (MOS)** – can help promote the growth of beneficial bacteria in the gut and therefore may support intestinal health.