AUSTRALIAN 100% PREMIUM QUALITY GUARANTEE PLATINUM STANDARD

DASCO

Electro-G

Water-soluble high-performance electrolyte supplement

Supplies rapid energy
& corrects dehydration

ZERO BI-CARB
CAN BE IMMEDIATELY FED BEFORE/AFTER MILK

When you're time-poor, and you want to give your calves their best possible defence against dehydration, Electro-G is the answer..

Electro-G not only mixes easily in warm water, this highly palatable, powdered electrolyte offers an immediate energy source, with alkalising levels that correct acidosis.

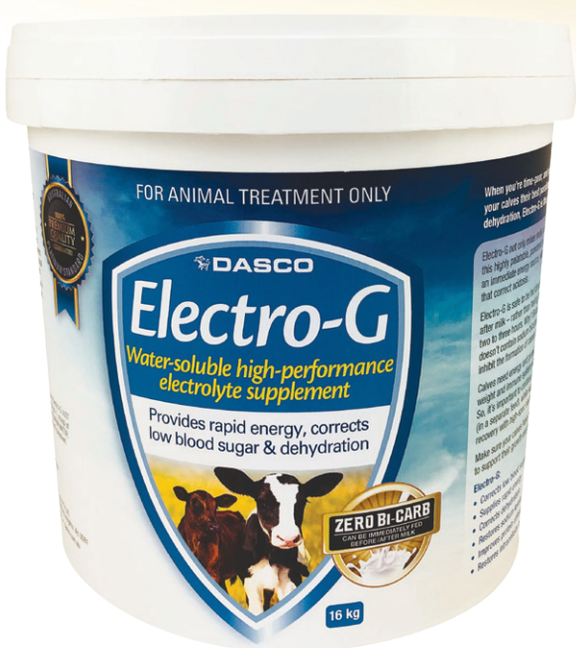
Electro-G is safe to be fed directly before or after milk – rather than having to wait the historic two to three hours. Why? Because Electro-G doesn't contain sodium bicarbonate, which can inhibit the formation of casein in the abomasum.

Calves need energy and protein to maintain their weight and immune system when they are sick. So, it's important to continue to feed milk (in a separate feed), while supporting their recovery with high-spec electrolytes.

Make sure your calves have everything they need to support their growth and development.

Electro-G:

- Supplies rapid energy
- Corrects dehydration
- Restores sodium levels
- Improves protein utilisation
- Restores intracellular potassium levels



Available in four sizes to meet every farmer's needs:

- ELG1: 1.75kg
- ELG4: 4kg
- ELG8: 8kg
- ELG16: 16kg

DASCO Est. 1960
HYGIENE • HEALTH • NUTRITION

100% AUSTRALIAN OWNED & OPERATED

Please call for more information 1800 666 269

Electro-G – is formulated as a high-performance electrolyte supplement for young calves and lambs.

- Readily dissolves in water, and is easily absorbed
- Releases a rapid energy source
- Fed as a supplement alongside normal milk/milk replacer ration
- Stores for extended periods without hardening or product colour change

Quick facts

Rehydration therapy needs to ideally start before the dehydration process gathers momentum. It is vital to check calves every day, and treat them quickly if you are concerned about dehydration.

Quick check: Calves can lose 5 to 10% of their bodyweight as water within a day of scouring. As a quick hydration check using skin tenting, gently pinch a fold of skin (best done on the neck) and count the seconds it takes to flatten. If it happens within two seconds, it indicates normal hydration. If it takes two to six seconds to flatten, the calf is about 8% dehydrated. If it takes more than six seconds it indicates dehydration above 10%. Normal gums in a calf are pink and damp; gums that are white and dry signify a 8 to 10% dehydration. Attitude is the final and most telling cue with regard to illness and dehydration. Calves may show no symptoms of dehydration, but if they need encouragement to drink, they should be monitored closely for impending scouring, or another illness.

Why potassium? During dehydration, a profound amount of potassium is lost in the faeces and urine, which can lead to metabolic acidosis. This is different to the acidosis found in the rumen of dairy/beef cattle. Metabolic acidosis is an acidotic condition affecting the entire animal – brought on by a loss of water and electrolytes. A common clinical sign of potassium loss in calves that have chronic scouring is extreme muscle weakness, loss of their suckle reflex, and depression. It is imperative that any oral electrolyte solution includes an alkalinising agent – such as Sodium Acetate (see below). Both potassium and chloride are needed to maintain pH of the blood and for muscle contractions, especially in the heart.

Why Electro-G can be fed directly after milk? Because it doesn't include sodium bicarbonate, a buffer which will neutralise the calf's stomach acid, and therefore interfere with the normal digestion of milk/milk replacer. Sodium Acetate is the buffer in Electro-G (see below).

Milk and electrolytes: The University of Illinois found that by sustaining full feeding of milk – in addition to feeding rehydrating electrolytes (fed separately and according to label instructions) – resulted in a higher calf bodyweight than if milk was withheld for the first two days (or partially withheld) during the treatment period.

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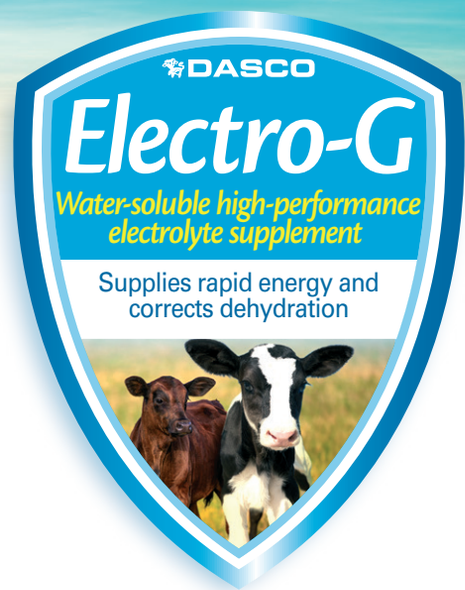
Active Ingredients

Dextrose: Efficiently replenishes blood glucose levels to correct hypoglycaemia and stimulates electrolyte and water assimilation.

Sodium Acetate: Rapidly metabolised, it gives an immediate energy hit (sodium bicarbonate doesn't) and it has adequate alkalising levels to correct acidosis without inhibiting milk clotting. Acetate are volatile fatty acids which can facilitate sodium and water absorption in the calf's small intestine. It also inhibits the growth of Salmonella species.



Sodium Chloride: Restores sodium and is a major factor in the assimilation of water to effectively correct dehydration.

Glycine: Promotes intestinal absorption of water and sodium, and it is a non-essential amino acid, which is used to transport energy to the calf.

Potassium Chloride: Restores normal intracellular potassium levels to correct hypokalemia (low potassium in the bloodstream).

Directions for Use

General notes: The initial dose does not have to coincide with a feed time. It is vital to administer Electro-G as soon as a sick calf is found to avoid dehydration.

Feed Electro-G as an additional meal before feeding milk or milk replacer. If you offered milk before you realised the calf is sick and it refuses milk, administer Electro-G mixed in WARM WATER immediately, and resume milk feeding at the next meal.

Mixing rate: Prepare Electro-G JUST BEFORE USE. Use 50gm (1 scoop) of Electro-G per litre of WARM WATER, and stir thoroughly until dissolved.

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