

A photograph of two women standing in a muddy farm enclosure with cows in the background. The woman on the left is wearing a dark blue waterproof jacket and trousers, with a small orange logo on the sleeve and a white logo on the pocket. The woman on the right is wearing a blue quilted vest over a red and white patterned scarf, blue jeans, and tall brown rubber boots. A blue triangle in the top right corner contains the word 'agilis' in white.

agilis

SELEKT™

SELEKT™ Clinical-Nutrition Formulae Key Points

Available through your Veterinarian



SELEKT™ Clinical-Nutrition Formulae

SELEKT Restore

A balanced formulation of dextrose and electrolytes, including calcium and magnesium, specifically designed for adult ruminants.

Key Points

- Sodium chloride is in SELEKT Restore to maintain the acid-base balance in cows.
- Potassium chloride is included to correct potassium levels.
- Calcium and magnesium assist in maintaining plasma electrolytes in the cow.
- Dextrose assists by making SELEKT Restore palatable. Cows may be tubed, pump drenched or may drink of their own accord.

400g

Dextrose monohydrate	175 g
Sodium chloride.....	155 g
Potassium chloride	50 g
Calcium propionate	16 g
Magnesium sulphate 7-hydrate.	4 g

SRT02



SELEKT Fresh Cow 500

For reduction of the risk of milk fever and ketosis in freshly calved cows. Also provides rehydration. Contains no potassium so does not block absorption of magnesium. Contains dry yeast to stabilize the rumen flora.

Key Points

- SELEKT Fresh Cow 500 provides 108 g of calcium per dose in the form of calcium propionate, which contributes to serum calcium concentration over a 24-hour period.
- Calcium propionate is also a valuable substrate for glucogenesis.
- SELEKT Fresh Cow 500 provides 14.6 g of magnesium. This covers the daily requirement of the down-calving cow, with some surplus for correction of hypomagnesaemia.
- Contains yeast to improve the health of the rumen flora.
- SELEKT Fresh Cow 500 contains no potassium or phosphorus, both of which have been shown to increase the risk of milk fever.

700g

Calcium propionate	500 g
Magnesium sulphate 7-hydrate	150 g
Dry yeast.....	50 g

SFC02



SELEKT Off Feed

For inappetant cows. Based on SELEKT Fresh Cow 500, but with potassium to compensate for anorexia, and gentian root to stimulate the appetite. Provides vital nutrients and supports the rumen flora.

Key Points

- Contains calcium propionate, which will correct minor hypocalcaemia and provide a glucogenic energy substrate.
- Contains potassium to reverse minor hypokalaemia, which is a common finding in inappetant cows and cows affected by a displaced abomasum.
- SELEKT Off Feed contains 50 g of yeast in each sachet to promote the multiplication of cellulolytic bacteria and the utilization of lactate, and reduce the production of lactate.
- Contains magnesium to stimulate cellulose digestion, which will in turn increase appetite.
- There are anecdotal reports that gentian root, which is included in SELEKT Off Feed, promotes appetite.

785g

Calcium propionate	500 g
Magnesium sulphate 7-hydrate	150 g
Potassium chloride	80 g
Dry yeast.....	50 g
Gentian root.....	5 g

SOR02



SELEKT Antacid

Contains magnesium oxide and sodium bicarbonate to stabilize rumen acidity and dry yeast to support a healthy rumen flora. For use when rumen buffering action is likely to be required.

Key Points

- SELEKT Antacid contains magnesium oxide, which is the most powerful antacid available.
- Sodium bicarbonate is included to prevent the pH of the rumen liquor from rising above 6.5.
- Lactic acid reduces the activity of cellulolytic bacteria. Yeast is included in SELEKT Antacid to stimulate the growth of bacteria that utilize lactate and digest cellulose.
- Ispaghula husk is a fibre which may assist in reducing the amount of toxin free to be absorbed into the circulation.
- Giving SELEKT Antacid in 20 litres of water will provide a source of fluid to the animal.

400g

Sodium bicarbonate	200 g
Magnesium oxide heavy	110 g
Dry yeast.....	50 g
Ispaghula husk	40 g

SAA02



The robust and durable SELEKT Pump and Drenchers, together with the SELEKT Formulae provide rapid delivery of fluid and clinical nutrition for cattle.



SELEKT Pump

For administration and aspiration of fluids. To be used for adult cattle with a SELEKT Drencher or a SELEKT Collector.

SPB01



SELEKT Drencher

For administration of fluids to adult cattle with a SELEKT Pump.

SDS01



SELEKT Collector

For collection of rumen liquor from adult cattle with a SELEKT Pump and for transfaunation.

SRF01

