

# Recover



## Article number

110005

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## Supplementary feed

## Animal species

dairy cows

## Content

5 x 1000 g

12 x 1000 g

GMP+ FSA assured

GMO controlled

PDV103322

## Start-up after calving

A vulnerable period in the life of the dairy cow is the time around calving. Considerable changes are taking place, including the birth of the calf, start-up of the milk production and ration changes. It is therefore hardly surprising that problems can occur during this period. Milk fever is an example of this. Milk fever is often caused by a calcium deficiency in the blood. This is the result of the cow starting to produce large volumes of milk after calving. That requires calcium. The calcium level in the blood is then quickly depleted, resulting in the cow mobilising calcium from her bones. However, even this may not be enough for the cow to meet her acute need for calcium. A possible consequence is that the cow struggles to stand. The signs of a calcium deficiency will not always be clear, but even a less severe deficiency in calcium will reduce feed intake and milk production. Calving takes a great deal of energy and the cow loses a lot of fluids. Extra administration is important to allow the cow to start up well after calving. Administering Topro Recover is an effective method of doing so.

## Topro Recover

Topro Recover is a bovine drink that contains energy, calcium, magnesium, vitamins, trace elements and antioxidants. Energy is added in the form of dextrose, among other ingredients, so the cow feels fitter after calving and is more likely to start feeding. Calcium has been added to help prevent milk fever. Vitamins A, D3 and E serve to support immunity after calving. Moreover, Topro Recovery contains trace elements such as selenium, cobalt and iodine. These micro-minerals contribute to immunity and to rumen functioning, which is important for a good start-up of the cow. Niacin has been added to promote general metabolism. The drink also contains phenols. Phenols are natural antioxidants that form an excellent supplement to vitamin E. Dissolve Topro Recover in 20 litres of lukewarm water. This has the advantage that the rumen is filled directly after calving, thus reducing the risk of displaced abomasum.

## Composition

Dextrose, Sodium chloride, Whey powder sweet, Calcium carbonate, Potassium chloride, Sodium bicarbonate.

## Additives per kg

Vitamins, pro-vitamins and chemically well-defined substances having similar effect:

Vitamin A (retinyl acetate).....	120,000 IE
Vitamin D3.....	20,000 IE
Vitamin E (all rac-alpha-tocopherylacetate).....	1,500 mg
Niacinamide.....	1,200 mg

## Trace element compounds

Iodine (anhydrous calcium iodate).....	15.00 mg
Cobalt (coated cobalt-(II)-carbonate granulate).....	2.00 mg
Selenium (sodium selenite).....	3.00 mg





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## Storage instructions

Keep product cool, dry and out of reach of children.  
Protect against frost.

## Instructions for use

Feed Topro Recover as the first drink after calving.  
Dissolve 1 sachet in 20 litres of lukewarm water  
(± 38°C). Stir until the product is fully dissolved.

## Product characteristics

Energy	Immediate energy boost after calving, stimulates dry matter intake.
Calcium	Helps prevent milk fever. Replenishes calcium deficiency – necessary for effective functioning of muscles, for example
Vitamins A, D3 and E	Vitamins A and E are important antioxidants. Vitamin D is responsible for good calcium absorption.
Selenium, iodine and cobalt	Selenium is important for neutralisation of peroxides/ free radicals. Iodine is a vital component of the thyroid hormones. Cobalt is necessary for good rumen functioning.
Niacin	Necessary for effective metabolism, conversion of proteins, fats and carbohydrates. Has an antioxidant effect.
Polyphenols	Natural antioxidant, to capture free radicals. Excellent addition to vitamin E.
Electrolytes	Absorption of electrolytes (partially) compensates their loss during calving.
Tasty product thanks to the addition of melon aroma	Good uptake by the cow. Melon aroma came out best in a test.
Portion packaging per dosage	Convenient to administer. Always the right dose. Hygienic.
Dissolve in 20 litres of water	Fills the rumen. Therefore reduces the risk of displaced abomasum.