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# VitalTrunk

Special feed for the use as an enhancer of fresh milk, electrolyte and additional milk replacer solutions to increase the vitality of the calves.

## Main applications

- colostrum phase
- drinking phase
- dairy cow directly after birth

### Product features:

- electrolytes
- glucose
- vitamins
- trace minerals

### Product advantages:

- quick available energy
- restoration of the electrolyte balance
- safety in critical nutritional situations
- high palatability
- good solubility
- fully adequate supply

### Your benefits:

- universally applicable (enhancer for fresh milk, electrolyte and additional milk replacer solutions)
- healthy and vital calves
- high acceptability
- time saving because of quick intake



CARE

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## Product features:

- electrolytes
- glucose
- vitamins
- trace minerals

## Application recommendation:

VitalTrunk is a special feed for three different applications:

- improving the natural milk of the cow (for calves)
- as a supplier of electrolytes and as feed between usual feeding schedule (for calves)
- as a supplementary offer after calving (for dairy cows)

## For calves:

### As fresh-milk upgrade --gt; 20 g VitalTrunk per l milk

Calves have a high requirement of vitamins and trace elements, which can not be provided by natural milk. Therefore we recommend balancing those low contents with VitalTrunk to assure an optimal supply of your calves.

### As electrolyte drink: --gt; 40 g VitalTrunk per l water

Due to diarrhoea the calves lose a lot of liquid and become weak. We recommend stirring VitalTrunk with water and feeding 1-1,5 l drink after main feeding schedule for balancing liquid losses and for improving vitality of the calves.

## For dairy cows:

### As additional drink --gt; 500 g VitalTrunk together with 20 l Water

At calving there are some serious changes (changes in the hormonal balance and metabolism, loss of liquid, free space in the abdomen after calving). With missing support the risk of metabolic disorders, dislocation of the abomasums and infertility is increasing. VitalTrunk compensates the loss of liquids in that critical phase and supports the metabolism and fertility. Offer directly after calving VitalTrunk mixed with water (30°C). Then offer enough fresh water ad libitum.

## Instructions for proper use:

This complementary feed has a higher content of Vit. A, D3 and trace elements than finished feed. Therefore it has to be given only to calves and piglets at an amount of 20 % of the daily ration; to cows, cattle, breeding sows and horses at an amount of 2,5 % of the daily ration.

Please make use of our JOSERA consulting service for specific advice.

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## Composition:

glucose, whey powder, sodium chloride, sodium citrate, potassium chloride

## Analytical constituents:

1,5 %	crude protein	1,2 %	crude fat
16,5 %	crude ash	4,5 %	sodium
1,3 %	potassium	6,0 %	chloride
3,5 %	HCl insoluble ash		

## Additives:

### Nutritional additives per 1 kg:

80.000,0 I.U.	vitamin A (3a672a)
40.000,0 I.U.	vitamin D3 (3a671)
2.000,0 mg	vitamin E/all-rac-alpha-tocopheryl acetate (3a700)
8.000,0 mg	vitamin C (3a300)
160,0 mg	vitamin B1 (3a821)
80,0 mg	vitamin B2
70,0 mg	vitamin B6/ pyridoxine hydrochloride (3a831)
600,0 mcg	vitamin B12
6.000,0 mg	niacin (3a314)
40,0 mg	vitamin K3 (3a710)
250,0 mg	calcium D-pantothenate (3a841)
5,0 mg	folic acid (3a316)
2.000,0 mcg	biotin (3a880)
400,0 mg	zinc (zinc chelate of glycine hydrate (solid)) (3b607)
400,0 mg	manganese (manganese chelate of glycine hydrate) (3b506)
500,0 mg	iron (iron(II) chelate of glycine hydrate) (3b108)
45,0 mg	copper (copper(II) chelate of glycine hydrate (solid)) (3b413)
4,0 mg	iodine (calcium iodate anhydrous) (3b202)
1,0 mg	selenium (sodium selenite) (3b801)

**Note: Minimum durability requires a correct and appropriate storage. In particular a hygienic, cool and dry storage is needed. Without responsibility in case of incorrect storage and application.**

7 kg  
25 kg