



# MULTIMILK®

---

## VVS Start

*Effective calf rearing*



*Traditional Czech producer*

VVS Verměřovice s.r.o.  
Krmivářská 225  
561 52 Verměřovice

☎ +420 465 642 670  
GSM: +420 775 755 175  
email: vvs@vvs.cz, [www.vvs.cz](http://www.vvs.cz)



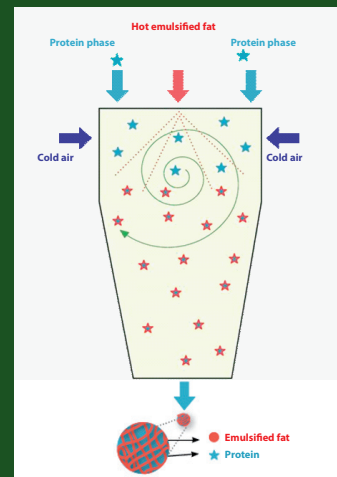
# MULTIMILK®

## COMPLETE MILK REPLACER FOR CALVES

### ADVANTAGES

- high protein bioavailability is secured by high content of milk components based on animal protein compounds
- very high content of vitamin A, D3, E and C and very low fibre content
- excellent solubility with minimum sedimentation
- **GMO free**
- excellent quality of whey powder originated from cheese production
- **Emulsizym®** - an unique system of bioactive peptides and medium chain fatty acids increases fat and protein digestibility and has antimicrobial effect in GIT
- **probiotic culture contains unique combination of 3 bacteria strains:**  
Bacillus licheniformis  
Bacillus subtilis  
Enterococcus faecium
- high support of calf immune system and strong reduction of diarrhea are ensured

### SPRAY FREEZING



COMPOSITION		MULTIMILK	MULTIMILK VITAL	MULTIMILK PREMIUM
<b>Milk constituent content</b>	%	<b>80</b>	<b>85</b>	<b>85</b>
Dried whey powder	%	65	70	47,5
Whey protein concentrate	%			13
Skimmed milk powder	%			12,5
Coconut fat	%	5,6	14,4	6,4
Linen oil	%		0,5	
Refined palm oil	%	7,5	10	9
Hydrolyzed wheat protein	%	10,4	1,6	9,6
Soy protein concentrate	%	7,5		
Crude protein	%	21	21	24
Fat	%	17	17	20
Crude fibre	%	0,3	0,1	0,1
Ash	%	8	8	8
Ca	%	0,8	0,7	0,7
P	%	0,7	0,6	0,6
Na	%	0,6	0,6	0,6
Threonine	%	1	0,9	1,2
Lysine	%	1,75	1,6	2
Methionine	%	0,45	0,4	0,5
Se	ppm	0,4	0,4	0,4
Immunoglobulins	ppm			1500
Omega – 3 (alpha linoleic acid)	ppm		2750	
Vitamin A	IU	25000	25000	25000
Vitamin D3	IU	4500	4500	4500
Vitamin E (as alpha tocopherol)	mg	220,6	220,6	220,6
Vitamin C	mg	300	300	300

Low Heat Milkpowder  
- dried milk produced  
at low temperature

guaranteed Ig content

# VVS Start

## COMPLETE STARTER FEEDS FOR CALVES

The starter feed for calves is applied after colostrum period, from the 5-7th day after the birth.

During the first two months, it is necessary to feed the milk replacer of substantial quality with high content of milk compounds. Pelleted feed VVS Start is fed ad libitum. During the feeding milk replacer, it is not recommended to add hay, but it is important that calves have continual access to the drinking water. After the milk replacer feeding period, VVS Start should be fed continuously up to the age of 3-4 months when the transfer to TMR is applied.

Product line of VVS Start can be supplemented with other additives: yeast cultures – desirable for better rumen development, mannan oligosaccharides and glucomannans - to modulate microflora in the small intestine and prevent from diarrhea and phytogenic additives – to improve digestion process. VVS Start line can be boosted with natural plant extracts to lower incidence of parasitic invasions.

BMK TEX Start 52-40% is the pelleted product for calves to be mixed directly on the farm with own grain. We also supply GMO-free starters upon the request from breeders and farmers.

### ADVANTAGES:

- high palatability and intake
- fast rumen papillae and fourstomach development
- more effective forage conversion in the productive age
- excellent effect on the digestive tract
- higher daily gains and proper skeletal development
- earlier rumen activity and digestion
- high pellet quality prevents the separation and picking
- lower culling rate and higher performance of cows on the first lactation

TYPE OF STARTER / COMPOSITION	Crude protein	Crude fibre	Vitamin A	Vitamin D3	Vitamin E (as alpha tocopherol)
VVS Start Müsli	18,5 %	6,7 %	14 850 IU	2700 IU	71 mg
VVS Start 220	22 %	8 %	23 400 IU	5440 IU	82 mg
VVS Start Plus	21 %	7,7 %	23 100 IU	5300 IU	85 mg
VVS Start 210	21 %	5,5 %	25 500 IU	5860 IU	90 mg
VVS Start 210 + oat	20 %	5,8 %	23 000 IU	5270 IU	80 mg
BMK TEX START 52-40%	28,5 %	6,7 %	63 500 IU	6800 IU	90 mg

### COMPOSITION:

wheat, soy meal toasted, oat, sunflower meal, corn grain, sugar beat pulp, dehydrated alfalfa, feed additives, macro elements, trace elements, vitamins, salt, dried feed grade yeast, sugar beet molasses, extruded linen seed, dried pressed apple pulps, dried brewery grain

### PACKAGE:

bags 25 kg, big bags 700 - 1000 kg, bulk  
Store on wooden pallets in dry place

## VVS Start Müsli

The calf starter fortified with molasses, containing the fruit pulps, has a great taste that increases its intake. It is the source of ready utilizable energy with the high crude fibre digestibility. Extruded linen seed protects epithelium of intestine and by this way it limits the risk of diarrhea diseases development. The premium type of such starter contains the high ratio of flakes and apple pulps.



### Dia Stop

As the prevention against diarrheas, during incidence of diarrheas or during recovery period after diarrheas

1-7 days

Twice a day mixing  
25 g in milk

In case of severe diarrhea score

1-3 days

Interrupt milk feeding; 2 litres of drink solution  
„Dia Stop“ (25 g per 1 liter of approx. 35 °C water)

**Immunoglobulins from egg mass:** Supplementation of specific antibodies originated from dried egg mass during the early development stages of new born calves strenghtens their immune system and delivers substances necessary to inhibit diarrheas. Their combination with electrolytes stops diarrheas and compensates losses. This prevents development of possible diseases and deaths.

#### Composition:

Glucose  
Natrium chloride  
Natrium carbonate  
Dried yeasts  
Potassium chloride  
Egg mass

#### Additives:

Vitamin A  
Vitamin D3  
Vitamin E

#### Package:

pail 2,5 kg

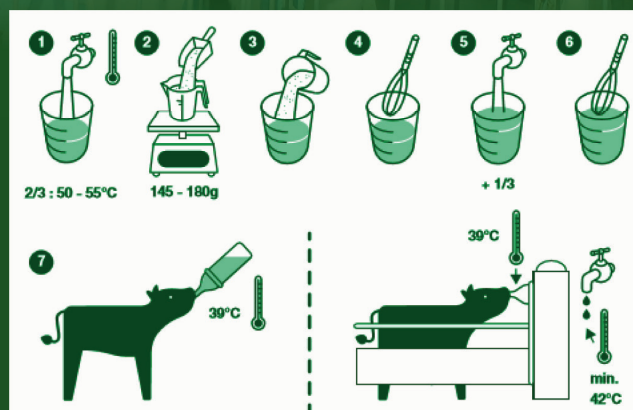




## RECOMMENDED FEEDING INSTRUCTIONS FOR PREPARED CALF MILK REPLEACER MULTIMILK

1<sup>st</sup> day: 4 liters of colostrum within 4 hours after birth. More than 2,5 liters of colostrum during the second feeding time within 12 hours.

age	liters /feeding		number of feeding/day	
	standard rearing	intensive rearing	standard rearing	intensive rearing
day 2-7	2	3	2	2
2 week	2,5	4	2	2
3 week	3	4	2	2
4 week	3	4	2	2
5 week	3	4	2	2
6 week	3	4	2	2
7 week	2,5	3	2	2
8 week	2	3	2	2
9 week	1	2	2	2
10 week		1		2



### FEEDING INSTRUCTIONS:

Calf milk replacer is diluted by drinking water in the ratio 145g (1 : 8) up to 180g of calf milk replacer powder + 1 liter of water. Into the container pour 2/3 of necessary amount of water at the temperature of 50 - 55°C and during continuously mixing add calf milk replacer powder in the amount according to the required ratio. The rest refill with water of the room temperature to achieve the final temperature of 39°C of the liquid drink at the feeding time.

Our consultant will provide complete and detailed instructions.

## THE TOP-CLASS QUALITY OF CALF NUTRITION WILL DELIVER TOP-RANKING PARAMETERS OF PERFORMANCE AND REPRODUCTION

Define goals of calf rearing. The following indicative parameters serve for it:

	excellent farms up to 3%	average farms from 3 to 5%	below-average farms above 5%
Deaths			

# in form on the farm<sup>®</sup>



*Traditional Czech producer*

VVS Verměřovice s.r.o.  
Krmivářská 225  
561 52 Verměřovice

+420 465 642 670  
GSM: +420 775 755 175  
email: vvs@vvs.cz, [www.vvs.cz](http://www.vvs.cz)

