# **Heifer Max**



### The successful dairy cow is grown from birth

### **Heifer Max**

Premium Quality High Protein
High Oil Milk Replacer including skim for dairy heifers

### **Formulation Concept**

- Precision Whey based formulation for rapid early frame growth.
- Well balanced formulation containing high levels of energy and quality dairy protein.
- Well stocked with amino acids, fat and lactose.
- Suitable for all milk feeding systems including automatic feeders.
- Competitively priced relative to similar whey based products in the market.

Produced by a Dairy Processor 100% soluble proteins, essentially from dairy origin Fortified
with vitamins and
trace elements
to meet all
requirements

Much higher level of fats incorporated by spray drying process for better digestibility rescured nucleus and plant extracts to help prevent digestive upsets and resist parasitic attack (a big help in group rearing)

Dissolves readily in warm water at 45/50°C



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#### **TECHNICAL CHARACTERISTICS**

#### Composition

Whey, Whey protein concentrate, Palm oil, Wheat protein, Buttermilk, Coco oil, Skimmed milk, Starch(Wheat), Casein, Sodium Chloride, Dextrose, Yeasts products (MOS), Magnesium sulphate, Rapeseed oil, Monopotassium phosphate, Calcium carbonate.

Contains only fats of vegetable and dairy origin

Analytical constituents (%)				
Crude protein	25.0			
Crude oils and fats	20.0			
Crude ash	6.6			
Crude fiber	0.0			
Calcium	0.8			
Sodium	0.8			
Phosphorus	0.5			

Additives (per kg)	
Antioxidants	
E321 B.H.T.	38 mg
Preservatives	
1k202 Potassium sorbate	2 240 mg
1a330 Citric acid	3 375 mg
Vitamins	
3a672a Vitamin A	25 000 UI
3a671 Vitamin D3	
3a700i Vitamin E (all-rac-alpha-tocopheryl acetate)	
3a711 Vitamin K3	
3a820 Vitamin B1	
3a300 Vitamin C (L-Acide ascorbique)	150 mg
Trace-element	
3b103 Iron (monohydrate ferrous sulphate)	
3b405 Copper (Copper (II) sulphate, pentahydrate)	
3b603 Zinc (Zinc oxide)	
3b503 Manganese (monohydrate manganese sulfate)	
3b202 lodine (calcium iodate, anhydrous)	
3b801 Selenium (sodium selenite)	0.2 mg
Gut flora stabilisers	
4b1708 Enterococcus Faecium NCIMB 11181	1,5*10° CFU

The ingredient composition declared is subject to change subject to raw material availability.

#### **FEEDING INSTRUCTIONS**

- Rate: 145 g of powder per litre of reconstituted milk.
- Warm half of the required water at 45-50° C.
- Add Heifer Max and mix.
- Make up to the required volume with warm water.
- Feed to calves at 38 40° C.

#### **HOUSEKEEPING TIPS**

- Keep feeding equipment clean.
- Clean all feeding equipment thoroughly after each use.
- Turn over buckets before stacking them.
- Store bags in a dry place.
- Close bags after each feeding.
- Make sure to feed at the correct temperature (38-40°C).
- Make sure fresh clean water is available at all times.
- Regular quality certification of your water supply is recommended.

INDICATIVE FEEDING PROGRAMME					
2 meals per day (concentration 145 gr of reconstituted milk)					
Age	Volume/ meal	Number of meal/ day	Milk powder + water		
1 - 4 <sup>th</sup> day	2,0 / 2,5 litres	2	Colostrum	Minimum 4 litres colostrum before 10/12 hours of life	
5 <sup>th</sup> day in the morning	2,0 litres	1	HYDROPLUS		
5 <sup>th</sup> day in the evening	2,5 litres	1	0,360 kg	Water	
6 - 7 <sup>th</sup> day	2,5 litres	2	0,360 kg	+	
2 <sup>nd</sup> week	3,0 litres	2	0,430 kg		
3 <sup>rd</sup> to 6 <sup>th</sup> week	3,5 litres	2	0,500 kg	straw or hay	
7 <sup>th</sup> week	2,5 litres	2	0,360 kg	+	
8 <sup>th</sup> week	2,5 litres	1	0,360 kg	dry feed ab libitum	
9 <sup>th</sup> week	2,5 litres	1	0,360 kg		
10 <sup>th</sup> week	2,5 litres	1	0,360 kg		
11 <sup>th</sup> week	11th week Weaning when the calf consumes at least 2 kg dry feed / day				

1 meal per day from the 3rd week (concentration 200 gr of reconstituted milk)					
Age	Volume/ meal	Number of meal/ day	Milk powder + water		
1 - 4 <sup>th</sup> day	2,0 / 2,5 litres	2	Colostrum	Minimum 4 litres colostrum before 10/12 hours of life	
5 <sup>th</sup> day in the morning	2,0 litres	1	HYDROPLUS		
5th day in the evening	2,5 litres	1	0,360 kg		
6 - 7 <sup>th</sup> day	2,5 litres	2	0,360 kg	Water	
2 <sup>nd</sup> week	3,0 litres	2	0,430 kg	+	
3 <sup>rd</sup> week	4,0 litres	1	0,800 kg	straw or hay	
4 <sup>th</sup> to 6 <sup>th</sup> week	4,5 litres	1	0,900 kg	+	
7 <sup>th</sup> week	3,5 litres	1	0,700 kg	dry feed ab libitum	
8 <sup>th</sup> week	2,5 litres	1	0,500 kg		
9 <sup>th</sup> week	2,0 litres	1	0,400 kg		
10 <sup>th</sup> week	2,0 litres	1	0,400 kg		
11th week	Weaning when the calf consumes at least 2 kg dry feed / day				



#### Memo Colostrum :

- Be careful of hygiene: colostrum collection (udder, collection bottle, etc...)
- Assess the quality of colostrum (colostro-meter, refractometer)
- Feed immediately after milking or refrigeration
- 2 litres within the first 4 hours of life, then 2 litres within 12 hours.

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