

Volac Milk Replacers

A Unique Package of Nutritionally Superior Products

Product Features	Product Advantages	Benefits to the Calf	Benefits to the Farmer
Concentrated Milk Protein (CMP)	<p>CMP contains a high proportion of 'true' protein and has an amino acid balance closely matching the calf's requirements</p> <p>Essential calcium and phosphorous without high levels of less desirable minerals</p>	<p>More efficient use of protein</p> <p>Feed at a higher concentration without increasing risk of scour</p>	<p>Improved calf performance and health, which means more cost effective growth</p> <ul style="list-style-type: none"> • For dairy calves achieve 2 year calving target - worth £50/month saved
Processing under strictly controlled temperature conditions	<p>Integrity of the protein is retained and digestibility is high</p> <p>Biologically important globular proteins (immunoglobulins) retained in the powder</p>	High value, highly digestible proteins	<ul style="list-style-type: none"> • For beef calves more calves reared per unit per year <p>Calves have better bloom for increased market prices</p>
Carefully researched blend of fat/oil	Selected to have good physical characteristics and high nutritional value	Excellent nutritional value	<p>Reduced medication costs</p> <p>"Trouble Free Rearing"</p>
Co-spray drying of the liquid oil allows excellent emulsification and homogenisation	Small fat globule size in the finished product and improved fat digestibility	Improved intakes of nutrients	
High Vitamin E and Selenium levels	These support the calf's immune system and antioxidant status	Helping to improve the calf's natural defences and fight off challenges	Increased resistance to disease, helps maintain a healthier calf and reduce medication use and cost
Finished milk replacers are mildly acidified and also contain Gardion	Organic acid and the plant extract, alliin, help to create the right conditions for beneficial bacteria in the gut		
In-line instantisation	Ensures excellent mixing characteristics	Consistent liquid milk quality	Easy mixing, labour saving
Double Pasteurisation	Destroys most of the bacteria which can be present in whole milk	Significantly reduced risk of exposure to bacteria which can cause disease (e.g. Johnes), compared with whole milk	<p>Improved calf performance and health. More cost effective growth</p> <p>Reduces risk of disease transfer via milk</p>
Costs approx 15ppl to feed	10ppl cheaper than current milk price		£16 saving per calf through to weaning for bucket fed calves