

Jameson IMMU-Surge calf milk replacer

A top quality skim based milk-based calf milk replacer, ideally suited to the professional calf rearer or larger scale dairy units looking for high performance. At Jamesons, we are very selective about the ingredients we use in our calf milk replacer. Only quality ingredients are used which are highly digestible for calves and are shown to not be irritant to the calf's gut, therefore reducing the likelihood of nutritional scour.

	Product Name	Jameson IMMU-Surge
Feeding System		Machine feeding and Bucket feeding, or twice daily
Colour		Creamy White
Total Milk Solids	%	77
Oil	%	17
Protein	%	23
Fibre (maximum)	%	0.08
Ash	%	9
Copper	mg/kg	12
Selenium	mg/kg	0.34
Vitamin A	iu/kg	50000
Vitamin D3	iu/kg	6000
Vitamin E	iu/kg	350
Key Features	Easy Mix, IMMU-Gain, Nuklospray, "Health Pack" and Organic Acid	
Acidified to ensure freshness for up to	24 hours	
Applications	Ideally suited for economical rearing of all beef and dairy herds, home bred or purchased, rearing heifer replacement calves, batch rearing calves under contract.	
Shelf Life	Vitamins guaranteed for 12 months from date of manufacture	
Packaging	20kg multi-ply bag with integral polythene liner	

Health Pack

Jameson IMMU-Surge contains "Health Pack", a synergistic blend of nutritional ingredients designed to help support and maintain optimum health and animal performance. Also, levels of vitamin E are high which is needed for a functioning immune system, helping the calf fight infection.

IMMU-Gain

Calves are challenged by a number of dangerous pathogens, infections result in diarrhea, mortality and lower growth performance. Jameson's IMMU-Gain is a special feed supplement containing valuable immunoglobulins for Rotavirus, E.coli, Salmonella, Coronavirus, & Cryptosporidia on a protein carrier. It is used to strengthen the immune system and vitality of young calves. It can be used to combat infectious scour, stabilizing the digestive micro flora.

Studies have shown fewer incidences of diarrhea, reducing the number of diarrhea treatments.

Nuklospray

A special complex of pre-digested (hydrolysed) proteins which are more readily digested and absorbed.

Natural Digestibility Enhancers

Improve fat utilisation and absorption.

Unique "Mother Smell"

Encourages the calf to consume milk, and also helps promote the maturation of the calf's digestive system. In addition, a sweetener is added to help palatability.

Beta glucans

Natural yeast cell walls help support the immune system of the calf.

Calf Milk Feeding Recommendations

It is essential that all calves receive adequate quantities of good quality colostrum within 3 to 6 hours of birth. Milk feeding of purchased calves should commence after a rest period after arrival on farm. For twice daily feeding systems, mix with water at the rate of 125g of powder to make 1 litre of mixed milk replacer; i.e. add 0.5kg powder to 3.5 litres of water to make 4 litres of mixed milk replacer.

Home-bred calf age in days	Purchased calf days in unit	Twice per day warm milk mixed milk in litres		Management
		a.m.	p.m.	
0-4		Colostrum		Offer fresh dry feed and fresh drinking water
5	1	1	1	
6	2	1.25	1.25	
7	3	1.5	1.5	
8	4	1.75	1.75	
9	5	1.75	1.75	Offer good quality straw
10-25	6-21	2	2	
26-39	22-35	1.75	1.75	
40	36	1.5	1.5	Wean according to condition
41	37	1	1	
42	38	0.5	0.5	

FEEDING SCHEDULE

This feeding schedule is an appropriate guide for feeding calves up to weaning at 6 weeks. If a later weaning age is required extend the maximum volume feeding period accordingly. The above table assumes a birth weight of approximately 40 kilograms. Calves of a lighter live-weight should be fed less in accordance with their size i.e. 30-40 kg calf should receive 75% of the recommended amounts shown and achieving a maximum of 2 litres per feed when appropriate

TO MIX

1. Sprinkle a measured amount of powder into a bucket of warm water (42°).
2. Whisk briskly.
3. Add hot and cold water to obtain the amount required at the correct concentration to achieve a feeding temperature of 42°C.

OTHER FOODS

Concentrates - should be offered as soon as possible and fed fresh daily

Roughage - good quality barley straw should be available after 3-4 days.

Water - fresh clean water should be available at all times.

WEANING

Once calves are eating 1kg of concentrate daily for 2 consecutive days, weaning can begin.