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Tel: 01308 868 337 Mob: 07973 444 140 Email: mandy@cosycalf.co.uk



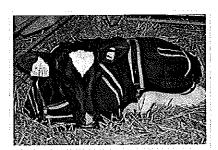
Information

Calf Jackets

All of us have heard of ealf jackets. Many of us have seen them in use but only a few of us have actually used them. What are they and what are the pros and cons of their use?

Why would a calf need a Jacket?

The obvious answer is to keep warm in cold weather. But, what's "cold" to a newborn calf? There is a temperature range where the amount of body heat produced by a calf is balanced by her body heat losses. That range is called "thermoneutral."



For an eighty-five pound newborn calf this range is about 55 to 78 degrees (assuming she is dry and in a draft-free environment). As temperatures fall below 55 for an extended period of time she has to burn extra energy to maintain her body core

Ways in which heat escapes from a calf

Now, let's do a quick review of four ways heat escapes from a calt no matter what the weather.

Heat from her body is used to evaporate water primarily on her skin and hair coat. This is easy to solve at birth. After her dam licks her off, just finish the drying and fluff up her coat.

But, does her housing during the first month provide a dry place to keep out of rain and snow? A water repellent jacket can keep her dryer.

This is another way heat moves away from a calf. Most calves less than a week old spend ninety percent of their time lying down. But, on what kind of bedding are they lying? Dry wood shavings? Dry straw? Wet bedding? Direct contact with wet straw results in three times as much heat loss (conduction) as contact with dry wood shavings. A moisture repellent jacket can slow down conduction heat losses through damp bedding.

Radiation.

Losses occur when heat is transferred through the air from a warm object (calf) to a cold one (concrete, snow). These losses are reduced for calves if they can lie down some distance away from the cold object. A jacket can serve as an insulating barrier to reduce heat moving away from the calf's body.

Convection.

Losses occur when air passes over the ealf's body. On one hand, when the housing is draft-free and a calf can snuggle down into a bed of straw, these losses are minimal.

On the other hand, when the bedding does not allow any hollowed out nest and the pen is wide open for air movement (as in most greenhouse-like structures or pole barns), convection losses can be higher. A jacket can serve to minimize heat loss by radiation that is subsequently carried away by convection.





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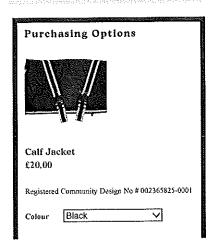
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What our customers have to say...

"I have no hesitation in recommending Cosy Calf Jackets. Cosy Calf jackets keep a calf warm when winter weather sets in and temperatures drop. As soon as temperatures are blow 8°C healthy calves use a significant proportion of the energy in their mild to generate body heat. This diverts valuable energy away from growth and from fighting off diseases. Cosy Calf jackets help to maintain growth in cold weather and so result in bigger, stronger and healthier calves. Cosy Calf jackets are also very ...

Ed Poweil-Jackson, MRCVS, Vet at Synergy Farm

> Read more testimonials



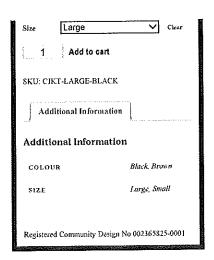
How do Jackets benefit the calf?

First, the smaller the calf the greater the potential for her to lose body heat. That's because her ratio of surface to body mass is much greater than for even a 130 pound heifer. These small calves may be the youngest ones or calves with especially low birth weights like twins. Rather than just depending on extra bedding.



Second, the greater the air movement around the calves, the greater potential benefits of calf jackets. Housing that does not allow calves to seek out a draft-free environment may have considerable potential for calf jackets.

Third, the greater the difference between the calf's body temperature and the air around her, the greater the potential for benefits from using calf jackets. In very cold weather, North Dakota State University researchers demonstrated an increase of 0.2 pounds average daily gain (1.2# without jackets and 1.4# with jackets from birth to four weeks) using jackets in hutch-housed calves.



Management tips

The drier and cleaner the jacket, the better it will insulate a calf. Aim for bedding that keeps jackets relatively clean and dry. Optimum age range for the use of jackets is from birth – between 4 and 5 weeks. Calves should be well grown and onto concentrates by this stage and have reached the temperature range of 0 degrees – 25 degrees as explained in the Thermo neutral zone page. Although the jackets can be left on for longer with no ill effects if required.

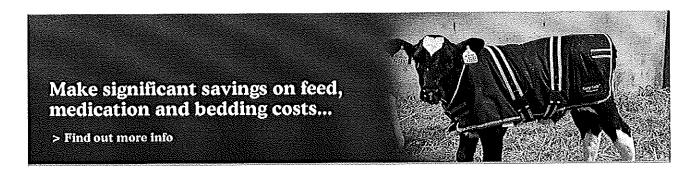
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Calf Jackets

Tried, tested and produced by a farmer, for farmers.



With the use of calf jackets you can make significant savings on feed, medication and bedding costs, by better conversion of energy to growth rather than warmth and reduce the risk of pneumonia and scours from chills and draughts. Available in a choice of black or brown.

We supply calf jackets to vets accross the country.

THE BENEFITS

Breathable and water repellent
High quality for long life
Easy to use
Machine washable at 50 degrees C
Available in two sizes
One chest closer, two adjustable leg straps
Two adjustable belly strap – No interference with navels

Calf Jacket Material & Sizes

Material: Outer shell 600D Oxford, 200g filling, 210d lining

	SMALL JACKET (JERSEY)	LARGE JACKET (HOLSTEIN)
Neck to tail	63cms – 25ins	74cms – 29ins
Along bottom Inc. front flaps	80cms – 31,5ins	93cms — 37ins
Width	63cms – 25ins	78cms – 31ins

Price: £20.00 + VAT. P&P £3.50. Free on orders over £100.00 to mainland,







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Testimonials

"Cosy Colf jackets are excellent value for money, are hard wearing and wash well. I use them on all my young calves (I now have 46 jackets) and I am certain they have saved the lives of some of my calves. Many thanks,"

- Diaune Broome, Solsgirth Home Farm, Dairy Farmer.

"Great value for money calf jackets, which has definitely saved calves, lives on our farm. All colves now wear a jacket from birth through to three weeks of age, reducing energy waste and better weight gain."

- Les Jaonnet Farm Ltd, Guernsey.

"The calves thrived in hutches with a Cosy Calf jackets on. They grew so fast we had to adjust the jackets after a faw weeks. Definitely stronger batch of calves than ever before."

- Richard, Holywell Flintshire.

"I personally have found these calf coats have saved lives and cut vets costs/medication down considerably. Very impressed and will continue to have all my new-borns in them. Many thanks,"

- Denni Caldicott., Bold Farm, Calf Rearer.

"We have a Hereford suckler herd, calving autside in the spring. This year, we put Cosy Calf jackets on all calves on day 2 till about 30. These animals definitely hugely benefited from the extra warmth provided by the jackets, which also made it much easier to handle them."

- Malcolm Coles, Upper Ridgeway Farm.

"Brilliant product and the best I have seen on the market. They are durable, fit well, stay on and even wash well. We have to give the Cosy Calf Producer credit for our low pneumonia & scour cases and good growth rate because of the great start they give our calves."

- Fergus McDowall, Rerrick Park Farm, Dundrennan, Kirkeubright.

"We have been extremely impressed with the jackets. A number of our farmers were keen to experiment and in a pen of calves all the same age, I calf with a jacket had significantly greater growth rates than others without jackets, this was seen on a number of farms."

- Garston Veterinary Group, , Garston House, Portway, Frome, Somerset.

"The young calf up to one month old is highly susceptible to cold stress. The calf facket provides an effective and simple way to keep the calf warm whenever the temperature drops below 10°C. This prevents weight loss (the calf







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About Cosy Calf
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What our customers have to say ...

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- Ed Powell-Jackson, MRCVS, Vet at Synergy Farm

Nead more testimonials

Purchasing Options



Calf Jacket £20,00

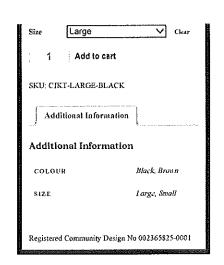
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Colour

Black

otherwise must use energy from food to keep warm) and protects the sick calf that is particularly vulnerable. The jackets are very well made and practical, they can be machine washed so infectious diseases are not spread from one animal to another. I have seen some farms where all the calves are wearing them and others where the farmers have bought just a few to use on small or sick calves. They work very well."

- Kat Bazeley. , BSc BVSc, CertWEL, MRCVS. Vet at Synergy Fann Health Evershot, Dorset.
- "I have no hesitation in recommending Cosy Calf Jackets. Cosy Calf Jackets keep a calf warm when winter weather sets in and temperatures drop. As soon as temperatures are blow 8°C healthy calves use a significant proportion of the energy in their mild to generate body heat. This diverts valuable energy away from growth and from fighting off diseases. Cosy Calf Jackets help to maintain growth in cold weather and so result in bigger, stronger and healthier calves. Cosy Calf Jackets are also very useful when treating sick calves. Keeping any sick animal warm greatly improves the chances of a successful recovery. My clients, whether suckler farmers or dairy, have been amazed at how a Cosy Calf Jacket helps to improve recovery from a bad dose of scours or pneumonia."
- Ed Powell-Jackson, MRCVS, Vet at Synergy Farm Health.
- "The rug is excellent and along with a heat lamp made all the difference to a very weak buby. Your service is first class, I will certainly spread the word as I think this is a brilliant idea and certainly beats the adapted dog coat that she started off with."
- Chris & Alison Cook, Wintershill Estates



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