What a pain!

Farmers and vets alike are learning to appreciate the huge benefit that painkillers, or antiinflammatories, have on the health of the animals under their care. They are part of the group of medicines called NSAIDs, which stands for non-steroidal anti-inflammatories, of which ‘bute’ is also a member (see recent horse meat scandal).

Whether that be using them after surgical procedures (eg. Caesarian, LDA op), reducing pain after calving to encourage feed intakes, working alongside antibiotics in the treatment of mastitis, or making lameness less painful for the patient.

There are quite a few different products which we can use so we would like to remind you of the dose rate, the milk and meat withdrawal, and the route of administration. We would like to also remind you that if a product is given via a non-licensed route (e.g. given intramuscular when only licensed intravenously) then a standard minimum withdrawal of 7 days for milk and 28 days for meat will then apply.

Perhaps you may want to put the table below on the inside of your medicine cupboard?

<table>
<thead>
<tr>
<th>Name</th>
<th>Dose rate</th>
<th>Route of admin</th>
<th>Meat withdrawal</th>
<th>Milk withdrawal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finadyne</td>
<td>2ml per 45kg</td>
<td>Intravenous</td>
<td>5 days</td>
<td>24 hours</td>
</tr>
<tr>
<td>Mellosyl</td>
<td>2ml per 45kg</td>
<td>Intravenous</td>
<td>7 days</td>
<td>36 hours</td>
</tr>
<tr>
<td>Ketofen</td>
<td>1ml per 33kg</td>
<td>Intravenous</td>
<td>1 day</td>
<td>Zero</td>
</tr>
<tr>
<td>Cattle</td>
<td>2.5ml per 100kg</td>
<td>Subcutaneous or Intramuscular</td>
<td>15 days</td>
<td>5 days</td>
</tr>
<tr>
<td>Metacam</td>
<td>1ml per 35kg</td>
<td>Subcutaneous or Intravenous</td>
<td>21 days</td>
<td>Zero</td>
</tr>
<tr>
<td>Cattle</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rimadyl</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If you have any questions about the information above or need further advice about the benefits of using painkillers then please speak to one of the vets.

Please note; the information above is correct as of March 2013. Please check on the product for the most up to date information.
Calf rearing

Continued from front page

reveals that the higher the growth rate of calves between days 10 and 65 of age the higher the milk yield in the first 305 days in milk.

Milk recording data sourced from an XL Yet member practice confirms this work. The graph below shows that heifers that calve between 23 and 25 months produce more milk in their combined 1st and 2nd lactation:

Further research from Northern Ireland, calculated a combined cost of £247 per case of pneumonia. I hope this illustrates that whilst treatment of individual cases/outbreaks, more time and investment should be made in preventing disease, rather than fire-fighting it!

Prevention

Control strategies target reducing challenge and increasing resistance amongst a population. It is therefore important to reiterate that in any population there will always be a group of animals that are more susceptible than others, our job as vets and farmers is to limit this group in order to maximise growth rates.

Reducing Challenge

Taking measures to reduce survival of viruses and bacteria to lessen the infection pressure on youngstock, achieved mainly through appropriately ventilating your calf housing. The three main factors to ensure are low moisture levels, maximal fresh air supply and optimal wind speed, without compromising the ambient temperature in the calf housing.

Many new and old buildings are not set up adequately to provide calves with a 'low challenge' environment, mainly from poor ventilation.

If you have been struggling with pneumonia, or if you wish to pre-empt any problems, please contact us for an on-farm assessment of your buildings. Using simple calculations, and with experience of many calf rearing facilities, we can advise on improvements/ alterations of existing buildings, as well as assist in new build designs.

Increasing Resistance

The two mainstays of raising the calf’s ability to deal with challenge are good Colostral management and vaccination.

Ensuring every calf receives 3L of good quality Colostrum as soon as possible, but certainly within the first 6 hours of life, and a second feed within 12 hours of birth, will give the calf the vital antibodies from its dam, that it needs to fight infections.

Later in life we can help the calf immune system by vaccinating them for the specific viruses that cause pneumonia. This is a very effective in a time of increasing the resistance of the population of calves, however, we encourage you to provide an improved environment at the same time as vaccination in order to achieve optimal results.

There are many vaccines available and veterinary advice should be sought in order to choose the most appropriate vaccine for your farm.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.

Speedkarting

A great evening was had by the 41 budding Formula 1 drivers at this years event at Speedkarting Warrington. Congratulations must go to Lee Walton from Byley, Andy Mitchell from Stoke and Mike Axford from Whitley who finished 1st, 2nd and 3rd respectively in a closely contested final. Also ‘well done’ to Jason Smith from Bostock who had the fastest lap time of the evening.

A big ‘thank you’ to Steve Sheridan from Merial who kindly sponsored the supper. We look forward to running it all again next year.