

## Fluke Control in Dairy Cows

The Irish Medicines Board (IMB) has advised that some flukicides can no longer be used on cows or heifers (animals being used and intending to be used for milk production). The flukicides that can be used on dairy cows or heifers are listed in Table 1. Strict adherence to withdrawal periods must be observed. These products are active against adult fluke only. A dosing strategy with these products, therefore, requires that at least two doses of a particular product are

used, separated by a specified time interval. An appropriate dosing strategy for the majority of spring-calving dairy farms would be to dose at drying-off (housing) and dose again four to eight weeks later. Those farms where fluke are known to be a particular problem could consider a third dose later in the dry period. Again, it is important to ensure that withdrawal times are adhered to, especially in cases where a cow calves down early.

Table 1. Flukicidal medicines that CAN be administered to cows and in-calf heifers.

Medicines that can continue to be used with strict adherence to withdrawal periods indicated

Name of Product	
Albex 10%	Albendazole
Albex 2.5%	Albendazole
Endospec 10% SC	Albendazole
Endospec 2.5% SC	Albendazole
Keelogan SC	Albendazole
Osmonds Flexiben 10% SC	Albendazole
Tramazole 10%	Albendazole
Tramazole 2.5%	Albendazole
Valbazen 10%	Albendazole
Zantil	Oxyclosamide

Source: www.imb.ie

## FOR SALE

12 In Calf Friesian Heifers calving Feb/Mar high EBI High solids.  
10 Unit side by side milking parlour with electronic pulsation and 10 jars.

For further details contact  
087 - 2385693.

## FOR SALE

10 AI Bred British Friesian Heifers.

For further details contact  
087 - 2694322

Donegal 

November 2010

# CREAMERY NEWSLETTER

BALLYRAINE, LETTERKENNY, CO. DONEGAL. TEL. (074) 9121766, FAX (074) 9124823

## OCTOBER PRODUCTION UP OVER 14%

With one of the best Autumns on record milk production has continued to surge forward in October by 14.2% over October 2009. This is equivalent to an increase of approximately 720,000 litres. The main reason for increase is that there has been exceptional grass growth with dry conditions for grazing. For the period April to October the cumulative increase (not butterfat adjusted) has been 4.3 million litres up by 8.4% (approx)

## STILL UPWARD TREND IN U.K. PRODUCTION

Provisional figures issued by the R.P.A. for October, '10 show a further increase of 50.7 million litres for the month. This now gives a cumulative total (not butterfat adjusted) of 7945.1 million litres for the levy year to date an increase of 296.8 million litres (+3.88%)

The butterfat is still running lower than last year. October butterfat was 4.02% while October '09 was 4.04%. The cumulative to date is 3.87% down 6 points on last year which was 3.93%.



Donegal Estates  
Estate Agents

# ATTENTION FARMERS

Donegal Estates offer a professional and confidential service in the following areas:

- Valuation for transfer, taxation, compulsory purchase etc.
- Site Sales
- Farm sales and lettings
- Property Management
- Auctions of stock and machinery

### WANTED

We have a requirement for land to let on short and long term lease agreements. Please contact our office to discuss.



CONTACT FOR FURTHER DETAIL  
Donegal Estates MIPAV  
Ballyraine  
Letterkenny  
Co. Donegal

E: [dermot@donegalestates.ie](mailto:dermot@donegalestates.ie)  
M: 086-8349407  
T: 074-9194408/9  
F: 074-9124926  
W: [www.donegalestates.ie](http://www.donegalestates.ie)

Printed by: Donegal Printing Company, Letterkenny. T: (074) 9121710



## DAIRY SEMINAR

In The Mount Errigal Hotel  
Ballyraine, Letterkenny, Co. Donegal.

On Thursday 25th November 2010 at 2.00 p.m.

### Guest Speakers

Owen Brennan: World Food Production

Dr. Dan Ryan: Maximizing Cow Fertility

Morgan Sheehy: Dry Cow Condition & Managing Replacement Heifers

\* Refreshments served \*

Telephone: 074 91 71300 (N.I. 0035374 91 71300)

## 1st Stage Trading Scheme

There has been a massive response to the 1st. Stage of the Quota Trading Scheme 2011-2012. All Applications are now with the Department of Agriculture but it will be some weeks before the outcome is known. There will be a 2nd stage of the scheme in early 2011.

## DAIRY HERD CERTIFICATES.

Suppliers who have not yet sent in their herd certificates are asked to do so immediately. Certificates must be returned before 22nd December. Failure to do so will result in your milk not being picked up. Remember this is a very busy time for Vets also. If you require Certificate contact the Letterkenny office a.s.a.p.

# OPTIMISING THE UTILISATION OF DAIRY COW DIETS

## DRY PERIOD DIETS

- Body Score condition (BSC) at calving has a huge bearing on the performance of the cow during production.
- Using BSC is a good tool to help avoid milk fever, ketosis and other post calving problems
- Ideally at calving cows should have a BSC of 3.5
- Cows should not lose bodyweight during dry period (if they do they may be carrying twins and so need extra feed)
- Cows should not lose more than one unit of body condition post calving
- A BSC over 3.5 at calving will have a negative effect on performance and fertility. A high BSC during the dry period penalises intakes in early lactation.

## POST CALVING DIETS

### INTAKES

- Post calving the intake of a lactating cow is doubled.
- The energy requirement is increased threefold and the Protein requirement (PDI) is increased fourfold.
- Intakes will be governed by the following factors
  - Forages: digestibility, dry matter, energy value and chop size
  - Management: ad-lib, headspace, light, water and temperature.
  - Animal: lactation stage, lactation number, (2kg increase between first and second lactation), yield and BSC
  - Nutritional factors: balance of energy and protein, and salt.

- A simple calculation to work out intakes

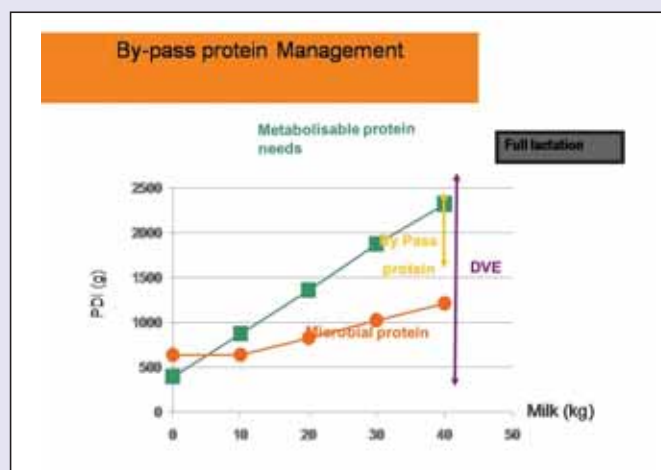
Dry Matter Intake (DMI) = production (L) x 0.25 + (0.02 x bodyweight)

e.g. A 30L cow weighing 650kg

DMI = 30 x 0.25 + (0.02 x 650) = 20.5kg

### PROTEIN REQUIREMENTS

- During lactation the protein requirement of cows increases substantially in line with the yield.



- Most diets have a high level of degradable protein (up to 72%). Crude protein is divided into two parts Rumen Degradable Protein (RDP) and Rumen Undegradable Protein (Bypass)
- As we increase the total crude protein of the cows diet to push yield, the management of rumen function becomes ever more important.
- The first aim is to optimise rumen function in producing microbial protein (PDIM)
- The only way to successfully meet the metabolisable protein needs of the cow is to provide bypass protein (PDIA)

### THEREFORE

- lack of RDP - microbial protein synthesis decreases
- excess RDP - insufficient PDIA contribution
  - level of NH3 increases
  - appetite decreases

### AT SMYTH DALESIDE FEEDS

- We use Novatan in our feeds to balance the PDI and meet the Bypass Protein requirements of cows.
- Novatan will optimise protein utilisation and improve rumen efficiency.
- Novatan reduces the activity of proteolytic bacteria that break down protein, producing NH3 in the rumen.
- This results in better use of the protein in the diet and reduced NH3 production so we have less blood urea and urea in the milk.
- This results in an increase in milk yield and also milk protein.
- Novatan works on the entire diet, be that degradable grass, grass silage, maize, rations etc.

## BRANCH OFFERS NOV

From Monday 22/11/10 to Friday 24/12/10

### SOUTHERN STORES

Cepravin dry cow 30 cow herd pack €199.00

Hi Mag Buckets 20kg (high spec) buy 5 for only €55.00

Noroclox dry cow herd pack 30 cow pk €69.00

Tel: 074 9121766

### NORTHERN IRELAND STORES

Offer of month

Eprinex pour on 5.0L €325.00+vat

• Pre Calver mineral high spec Buy 10 bags £140.00

• Eprinex pour 2.5L €185.00+vat

• Dectomax pour on 3L €140.00+vat

Closamectin pour fluke and worm special deals in-store

Contact Malcolm /Brian 04882244184

## MILK COLLECTION DURING WINTERY CONDITIONS

Having come through the worst winter conditions on record in 2009/10, we are asking all milk suppliers for their assistance with milk collection in the coming months. Frost and or snow makes milk collection very difficult and extremely dangerous and in some cases impossible.

The following actions taken by the farmer can avoid serious accidents and assist collection greatly.

1. Make sure all yards and roadways are clear of other vehicles etc.
2. Grit yards and roadways.
3. Keep in touch with your driver/haulier so that changes in arrangements for collection can be made. Make sure you have Drivers mobile no.
4. Keep in touch with Milk Transport in Killygordon on 074 9149127 from Northern Ireland 00353 74 9149127 for an update position.

## DONEGAL FRS GROUP

### WASTE FARM PLASTIC RECYCLING:



With winter feeding commencing, now is the time to put in place a system for collection and storage of your waste farm plastic from your round bales and silage pits.

Contact FRS for a bin and liners. Bring-centres for plastic will be organised again in Spring 2011 throughout County Donegal.

### FREEZE BRANDING:



We are currently grouping farmers in different areas for freeze branding. If you have animals to be branded, please give us a call now.

### GENERAL FARM WORK & RELIEF MILKING:



We are currently experiencing an increase in demand for our relief milking and general farm work services with many farmers seeing the benefits of having personnel on their farms who are properly trained and insured for the work they carry out.

### For further details:

Tel: 074-9145386  
 Fax: 074-9145382  
 Email: info@donegalfrs.com  
 Web: //www.donegalfrs.com



## THE ROYAL ULSTER WINTER DAIRY FAIR

WILL BE HELD IN  
 THE KINGS HALL BALMORAL  
 ON  
 THURSDAY 9TH DECEMBER, 2010

9.00 A.M. TO 5.00 P.M.

Judging of cattle starts at 9.00 a.m. with the Interbred Championship taking place at 3.30 p.m. Supreme Championship at 3.45 p.m.