

ALL THINGS MOLASSES newsletter

Welcome to the latest edition of United Molasses GB's All Things Molasses newsletter where we look at the current benefits of feeding one of our Nutrimaize bonded urea liquids and also announce the launch of our new Reasons to feed molasses flyers highlighting the benefits of feeding molasses on farm.

ON FARM FOCUS

Don't sleep on bonded urea liquids this winter, Nutrimaize can boost the returns from your diets!

BY MARK FEW, UMGB PRODUCT MANAGER AND RICHARD COLLEY, FARM CONSULTANT AT COLLEY BEEF AGRICULTURE

The last 12 months have been arguably the most volatile for Urea prills prices in recent years but with its market now finally becoming more stable and other protein feeds firming up on spot pricing it makes sense to look again at molasses bonded urea liquids and how the combination of protein and sugar they supply can offer great value in dairy diets.

Soya has trended up in price in recent months with China in particular importing heavily in quarter 4 firming the spot market. "Looking at the current proteins market the option of feeding bonded urea liquids such as Nutrimaize makes so much sense to me as typical straights only diets are lacking in sugar which is so important to get the best rumen function from your cows" states Richard Colley. "The regulated release effect of Nutrimaize is also key as the cow gets a more synchronised release of quickly and slowly degradable protein and energy than on a standard straights diet so again we are maximising overall rumen productivity" continues Richard.

To show how a Nutrimaize product performs in a current Grass Silage based maintenance + 20 litre dairy diet, Richard formulated 2 diets, one to include 1kg Soya HiPro and the other to contain 1.7 kg Nutrimaize 46 and then compared the results (see table 1).



Analysis	Diet 1 - Straights + 1kg Soya HiPro	Diet 2 - Straights + 1.7kg Nutrimaize 46
Crude Protein (% DM)	15.9	16.68
Sugars (% DM) Target 5-6%	1.81	5.52
Purchased in feed cost per cow per day (£)	£1.46	£1.64
Feed cost per litre (pence)	7.3p	8.2p
Extra milk required in Diet 2 to be same purchased in feed cost per cow per day as Diet 1		0.53 litres

Table 1 – Diet comparison data for Maintenance +20 litre grass silage based dairy diets

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Diet 2 including the Nutrimaize 46 molasses product came out higher in protein and sugars than diet 1 with the latter nutrient right in the optimum range of 5 to 6% for best rumen function.

The feeding costs of diet 2 are slightly higher but the cows would only need to produce an extra 0.53 litres of milk per day to cover the extra purchased in feed costs over diet 1.

This extra milk should be very achievable on the basis a cow should consume approx. 0.5kg more Dry Matter intake of a molasses liquid a day over dry feeds only meaning an energy gain over maintenance of 5 to 6 MJ a day over diet 1 which then should translate to an additional 1 litre + of milk output per cow per day.

“Diet 2 with the Nutrimaize 46 in is correctly balanced with the right levels of Protein and Sugars to get the rumen working really efficiently, yes the purchased in feed costs are higher but the fact the cows will be physically consuming more DM intake means the additional milk the cows produce will easily cover these costs” concludes Richard.

In conclusion we believe there are multiple benefits of incorporating a bonded urea molasses liquid such as Nutrimaize 46 into a grass silage based dairy diet this winter, firstly you will get the optimum level of sugars present to balance the protein and secondly you get the increase in Dry Matter intake and subsequent milk production.

*All diet data produced using Ultramix by AGM systems

For more information about our Nutrimaize bonded urea liquids or any of our other farm molasses liquids please visit www.unitedmolasses.com or give us a call on +44 (0) 151 955 4850.

ON FARM FOCUS

Why your ewes need Sugar!

BY DAVID MILLS UMGB COMMERCIAL MANAGER NORTH AND SCOTLAND

With insufficient energy for ewes in late pregnancy and into lactation being a cause for concern, what better way to increase energy into your ewes ration by simply adding a palatable and economical ingredient like a cane molasses liquid feed such as Molaferm. Ewes can experience severe consequences such as twin lamb disease from a Negative Energy Balance, making it crucial to be proactive throughout gestation by ensuring ewes are being fed diets formulated to meet and maintain their energy demands.

Feeding a liquid feed such as Molaferm will encourage Dry Matter Intakes, reduce feeding losses, reducing ration sorting, and provide ewes with enough energy to successfully transition into lactation, reducing the risk of twin lamb disease and ketosis.

Give your ewes the best shot at a healthy pregnancy and into lactation, by simply sweetening up their diet with the addition of Molaferm!

For more information contact David on +44 (0) 7890 055729 or visit unitedmolasses.com.

MOLASSES NEWS

Reasons to Feed Molasses Flyers

Last month at Agriscot we launched our new Reasons to Feed Molasses series of A4 flyers, the initial release features flyers on the importance of adding sugars to TMR diets, the forage boost effect of feeding molasses and the regulated release protein benefits of our Nutrimaize bonded urea blends.

We have designed these flyers as easy to read information documents highlighting the benefits both nutritionally and financially of feeding molasses liquids on farm. These flyers are all available in pdf format, if you have not received your copies yet please contact your local commercial manager or our Liverpool office and we will get them sent to you asap!

