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Tarff Valley Ltd

Trading Together, Growing Together, Since 1903

Feeding High Energy Molasses Blends to Beef Cattle...

...can have a big impact on growth rates and the use of forage leading to better returns.

undigested particles in the dung. Added molasses blends to beef diets have been shown to increase fibre digestion by 10%.

Molasses blends containing high levels of rumen degradable protein increase the utilisation of forage while boosting energy content with reduced risk of acidosis, which can be a problem with high cereal diets, comments Richard Dobson from ED&F Man. Combined with exceptional palatability, this means cattle will perform to high levels on forage based diets.

To maximise forage use, the rumen bugs also require a supply of rumen degradable protein. Proven regulated release technology means molasses blends deliver the ideal balance of sugar energy and degradable protein to maximise rumen function. Finally, molasses blends are highly palatable, improving intakes of the total diet.

To maximise live weight gain cost-effectively, rumen function must be optimised. The rumen produces the vast majority of the energy and protein used by cattle, so the more efficient the rumen is, the more efficient your cattle can be. It is particularly important to ensure forage is digested effectively as it is the cheapest feed you can use.

Regupro 38 and Regupro 50 are highly palatable, molasses based feeds, rich in protein and designed to get the most from forages. At either 38% or 50% crude protein and high in ME, they are designed to complement rations containing grass silage, whole crop, maize silage and straw-based rations, correcting both energy and degradable protein imbalances.

Ruminants are designed to digest forage. If they digest it effectively, two things happen. The first is that the supply of energy and microbial protein to the animal is improved leading to better growth. The second is that rumen flow is improved, and if feed leaves the rumen faster, forage dry matter intakes will be increased, meaning purchased feeds can be reduced.

Adding molasses blends to diets will improve the use of forages and allow more rumen friendly diets to be developed.

One of the keys to improved forage digestion is the supply of six carbon sugars in the diet like sucrose. Found in cane molasses, they are shown to boost fibre digestion more effectively than other sugar sources, leading to better use of forage, and fewer

ED&F Man supplies a range of products formulated to help improve performance and returns in beef finishing units, and designed to fit flexibly into a wide range of systems.

Speak to your local sales representative for more information.



Filler Free Fertiliser

25-5-5	KG	25-3-3+5%SO3 + 5%CAO + OEP	KG
AN 34.5%	667	CAN 27%	801
DAP 18-46-0	108	DAP 18-46-0	65
MOP 0-0-60	83	MOP 0-0-60	51
FILLER	142	ASU 21-0-0 +60% SO3	83
14.2% FILLER	1000kg	NO FILLER	1000kg

With Spring not far round the corner, fertiliser comes to the forefront of our customers' minds. At Tarff we offer a comprehensive range of Filler Free Fertilisers. The tables to the left illustrate how a standard 25-5-5 would be made with 14.2% filler against a 25-3-3 + 5%So3 + 5%CaO + OEP and no filler. Other examples include 20-10-10 (14.9%

filler) versus 20-5-10 +5%So3 + 4%CaO + OEP (No Filler) and 22-4-14 (10.1 % Filler) versus 21-3-13 + 5%So3 + 4%CaO + OEP (No Filler). These Origin Enhanced Fertiliser grades also contain Sulphur, Calcium and Origin enhanced phosphate (OEP). Trial work has shown that Sulphur improves Nitrogen uptake and increases protein levels. Calcium will buffer surface acidity and improve soil structure. Phosphate treated with OEP improves effectiveness and efficiency of the Phosphate. Fertiliser is an expensive commodity so why pay for filler? 25-5-5 costing £245 per tonne contains £34.79 of filler (Price correct on 22 Jan 2018).

Ask your local sales representative today about our full range of filler free fertilisers.

EARLYBITE Replaces NuStart Supplement

Carrs Billington have recently introduced Early Bite, a new supplement which has replaced NuStart in Calf Sprinter+ and NuStart Lamb Creep Pellets. *Calf Sprinter+* and *Early Bite Lamb Pellets* are top quality calf and lamb creeps for feeding up to 12 weeks of age, the perfect calf starter ration, and ideal for intensive early lamb rearing.

What are the benefits of Early Bite?

- Motivates early intake of solid feed
- Facilitates dietary transition from milk to concentrates
- Delivers early growth before weaning – taller calves and better efficiency.

What EarlyBite delivers:

- 26% greater starter intake before weaning
- Less variability in early starter intake
- 8% greater bodyweight by weaning
- 6% greater chest diameter by weaning
- 20% greater Feed Conversion Rate (FCR)

Calf Sprinter+ and Early Bite Lamb Pellets are available now for delivery in bulk or bags available from Tarff.

Both products contain *Earlybite*. This is a sensory additive which improves feed palatability and intakes in pre-ruminant calves and lambs. It makes the transition from milk to dry starter feeds easier, develops the rumen quicker and generates better growth efficiency.

Newsletter

Join our Next Generation Group!

Are you looking to take over the reins of the family farm? Or have you recently assumed responsibility? If you're under 40 and a member of Tarff - we're looking for the 'Next Generation' to boost our group.

What is the 'Next Generation' group?

A group of farmers who get together a few times a year for a meeting hosted by Tarff. In past events, we've focused on Farm Business Analysis and a general meeting of customer needs and wants from Tarff.

Our next meeting is being held at Woodlands House Hotel on Thursday 22nd February. We're focusing on 'Meet the Bank - An insight into how the bank assesses lending proposals' which will be presented by Clydesdale Bank.

If you would like to come along or find out more, please contact katie.sproat@tarffvalley.co.uk before Wednesday 14th February.



Follow us,
Join us,
#teamtarff
@tarffvalley



Staff members recently visited the BPI Visqueen factory in Ardeer, Ayr. The Tarff Team was shown around the factory which gave an insight into the manufacturing process of silage sheets and wrap.



We were delighted to sponsor the Machars Riding Club Novice Junior and Senior Dressage Competitions for the 2017 season.

We want to hear from you!

We enjoy seeing customer photos which incorporate 'Tarff' – especially the variations on 'Tarffies'! If you have any photos, send them to us on any of our social media platforms and tag #tarffvalley

Thanks to Sarah Baillie who captured this cracker!



Maize Silage

Maize silage is often considered to be too expensive to grow in our area. However, the following chart shows that Maize grown under plastic film can be the most profitable forage available. Even when fed to beef cattle, forage maize can be the best forage option.

PER ACRE	GRASS SILAGE	W/CROP WHEAT	MAIZE SILAGE	MAIZE UNDER PLASTIC
SEED/ACRE	£8.00	£35.00	£62.00	£162.00
FERTS @ £250/T	£100.00	£85.00	£25.00	£12.00
SPRAYS	£20.00	£55.00	£20.00	£30.00
CONTRACTING/CULTS	£10.00	£60.00	£44.00	£55.00
HARVESTING	£85.00	£38.00	£38.00	£38.00
ADDITIVE	£17.00	£15.00	£18.00	£24.00
TOTALS	£240.00	£288.00	£207.00	£321.00
FRESH WEIGHT YIELD	17.00	13.00	13.00	20.00
DM%	25.00	40.00	30.00	30.00
DM YIELD/ACRE	4.25	5.2	3.9	6.0
COST/TONNE DM	£56.47	£55.32	£53.07	£53.50

The chart clearly shows that growing forage maize as an alternative forage is financially attractive. It should also be noted that the extra yield can reduce the area required for growing forage crops.

Tarff can offer a complete maize agronomy service. We supply a superb range of the best varieties for growing under plastic film.

We also supply all the plastic film, herbicides, fertilisers and storage products to ensure high yielding, high starch quality forage. For further details please contact your local Tarff salesperson or Stair Brown.

Formula One Calf Milk Powder

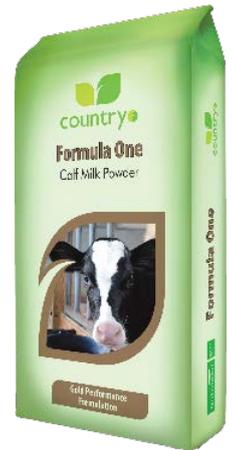
To add to our range of Country UF products, we have now introduced Formula One Calf Milk Powder. Like all Country UF products, Formula One has been formulated to match leading brand specifications at a competitive price. This milk powder is whey based and includes Imagro, which provides healthy bacteria that aid digestion.

Key Product Benefits:

- Based on premium whey proteins, quick release of nutrients which stimulates roughage and concentrate intake.
- Contains Imagro® health concept, actively supports a healthy microflora in the intestine and suppresses pathogenic micro-organisms.
- Bucket and machine feeding.

Product Specification

- Protein 22%
- Spray dried fat 17%
- Minerals 9.5%
- Crude Fibre 0.0%
- Lactose 44.5%
- Lysine 1.89%



Pre-Lambing Supplementation

Around fifty percent of all lambing losses occur within the first 48 hours after birth with AHDB estimating the cost to be around £25 for every lamb lost. Causes include stillbirth, mis-mothering and small, weak lambs being born with around 60% of reasons potentially being linked to nutrition. The final six weeks of pregnancy are some of the most nutritionally challenging times of the ewe's year, as energy and protein demands increase nearly two-fold in line with the 75% of foetal growth that occurs during this short period. Meeting this increased requirement for both energy and protein underpins success at lambing. Rumenco's LIFELINE Lamb and Ewe can form the basis of any late pregnancy/lambing nutrition plan providing energy, minerals and vitamins to support both ewe and unborn lamb health and vigour, plus rumen bypass protein to complement and help utilisation of silages. LIFELINE Lamb and Ewe is available at Tarff in buckets or blocks. This product is suitable for all feeding systems and can help reduce labour requirements at this busy time of year. It also reduces stress on ewes at feeding as they approach lambing.

<p>6 REASONS TO NUTRITIONALLY SUPPORT YOUR IN-LAMB EWES</p> <p>IMPROVES COLOSTRUM QUALITY</p> <p>BETTER RESISTANCE OF EARLY INFECTIOUS DISEASES</p> <p>RUMENCO</p>	<p>SUPPORTS FOETAL GROWTH</p> <p>INTRODUCE NUTRITIONAL SUPPLEMENTS</p> <p>6 weeks PRE-LAMBING</p>	<p>MINIMISES LAMB LOSSES</p> <p>49% OCCUR IN</p> <p>First 48 hrs</p> <p>A FURTHER 11% OCCUR IN</p> <p>2-4 DAYS</p> <p>MINIMISES METABOLIC DISEASE</p> <p>NUTRIENT DEMAND</p> <p>NUTRIENT SUPPLY</p> <p>REDUCES POTENTIAL EWE DEATHS AND LAMB LOSSES</p>
	<p>EASIER LAMBING AND LIVELIER LAMBS</p> <p>LESS STRESS ON THE EWE</p> <p>REDUCES MISMOTHERING RISK</p> <p>LAMBS LESS SUSCEPTIBLE TO HYPOTHERMIA</p> <p>BETTER IMMUNITY</p> <p>REDUCES WORM BURDENS</p> <p>IMPROVES COLOSTRUM QUALITY</p>	



Rory Clark-Kennedy

Rory Clark-Kennedy recently started as an Agronomist in the Ayrshire region. After graduating from Harper Adams in 2002 with a degree in Agriculture, Rory went on to work and travel abroad before returning to the UK. Having spent many years working in Southern England before moving to Essex, Rory has now returned to the family farm in Carsphairn. Rory currently runs 700 hill sheep, which are kept in order by the pack of border collies, two cocker spaniels and Howard, the sausage dog!

