

# Liquid feed for improved NUE

A new supplement combining the proven benefits of molasses, regulated release proteins, and methionine will help farmers improve cow performance as well as nitrogen and feed efficiencies this winter.

ReguSmart 27 is ED&F Man's latest high dry matter liquid feed with 53% sugars, 27% crude protein, and the optimal 2.5% inclusion of digestible methionine source MetaSmart.

It optimises rumen microbial protein production using regulated release proteins that synchronise the release of protein and energy, as well as balancing amino acid supply. It has been formulated to be fed at 1.4kg/cow per day.

"Molasses is well known for improving fibre digestion and rumen function, which will be important



ReguSmart 27 promises to improve nitrogen use efficiency this winter

this winter, while sugars will provide a valuable source of rumen fermentable carbohydrates without the risk of sub-acute ruminal acidosis," says

Georgina Chapman, Nutritionist at ED&F Man.

Around 85% of UK dairy diets are short of the amino acid methionine.

However, correct supplementation can have a positive effect on cow performance, as well as nitrogen use efficiency (NUE) and overall feed efficiency.

"Preliminary results from the University of Reading show that 1.4kg of ReguSmart 27 can reduce dietary crude protein by 500g/day, the equivalent to 1kg of soya, without impacting production," she explains.

"NUE increased by 6%, which shows better use of the protein in the diet, while milk urea was reduced significantly, and feed costs fell by 10p/cow per day.

"ReguSmart 27 is a practical and easy way to deliver the methionine needed to help cows perform to their potential this winter."

[www.edfmanliquidproductsuk.com](http://www.edfmanliquidproductsuk.com)

## Robust gut for better calf performance



The Britannia range of Energised calf milk replacers from TBA has been enhanced with the addition of Patriot Gold; a uniquely formulated additive pack to help calves develop and maintain the robust gut they need for optimal health and performance.

One of the additives helps to strengthen the gut by biological mechanisms reducing inflammation, making it harder for pathogenic bacteria to cross the gut wall and cause infection. The other, a yeast derivative, actively binds to pathogenic bacteria, making it impossible for them to cross the gut wall.

"There will never be a substitute for excellent hygiene management, but making the gut more robust by feeding a proven additive alongside exemplary nutrition, we can help ensure calves grow and develop to their full potential," says Trevor Birchall, Managing Director at TBA. [www.tbagri.co.uk](http://www.tbagri.co.uk)

## New small but mighty addition to JCB range



The new JCB Loadall 530-60 AGRI Super is a nimble and compact machine

JCB has added to its comprehensive Loadall range with the launch of a new 3t lift capacity compact telescopic handler, the Loadall 530-60 AGRI Super, for livestock producers who need a nimble, compact machine for daily tasks in and around buildings.

A 6m lift height and a comprehensive specification offers significant performance and productivity advantages to livestock farmers needing power built into compact dimensions for work in narrow aisles and passages. Looking under the hood, a Stage V emissions-compliant JCB DieselMAX engine, with peak outputs of 97kW (130hp) and 550Nm of torque, and a new two-speed hydrostatic transmission, gives plenty of

power, while it boasts a 25% increase in dynamic power over the 527-58 model. VariSpeed control provides separate engine revs and ground speed adjustment when using hydraulically-driven attachments.

An overall height of just 2m on the 20-inch tyre option ensures sufficient clearance, however, for muddy and uneven surfaces, it's also available on 24-inch tyres, for maximum ground clearance and traction.

It also features regenerative hydraulics for controlled boom lowering, smooth boom suspension, boom-end hydraulic cylinder damping, and reduced bucket shake. Plus there are a host of previously optional features installed as standard. [www.jcb.com/en-gb](http://www.jcb.com/en-gb)

## Mole Valley Farmers launches new organic trio

Mole Valley Farmers has launched three new organic dairy compounds as part of its growing commitment to the organic sector.

The new compounds from the farmer-owned company are one part of an overall drive to help organic farmers improve their productivity, sustainability and profitability in what is a challenging marketplace.

"The trio have been specifically formulated to meet the organic farmer's requirements, while taking into consideration sustainability and the need to maximise milk from forage."

Certified by Organic Farmers & Growers (OF&G), the new trio of products includes Organic AC Gen 19, Organic GBF 16, and Organic ProBal 27, with the trio all specifically formulated to support the nutritional needs of the organic cow. They range from supporting early lactation of the autumn-calving herd to balancing high cereal inclusion, complementing low protein silage, and drilling down on the impact of feed on the environment. [feeds@molevalleyfarmers.com](mailto:feeds@molevalleyfarmers.com)