

The
Transition
Company



GluPower

Instant energy for fresh cows



GluPower

Welcome to TheTransitionCompany

We are an international nutrition consultancy for the dairy industry. Based on your farm's unique situation, our specialists advise you on how to make the cow's transition period run as smoothly as possible. The starting points are healthy livestock and optimum yields. We look at not just one aspect of your farm, but the whole farm and all your business processes. And we do this with the express purpose of giving you, the dairy farmer, an insight into where improvements can be made.

Because every farm is unique, we use a tailor-made approach that involves analysing various business processes. Our close ties with veterinarians and nutritionists give us insights into areas such as rationing, forage cultivation plans and the focus on forage harvesting.

When analysing your business processes, we look together at the options for achieving returns on your farm. For us it is paramount that you as the farmer should remain in control. We believe it is important to share ideas with you about how you as a dairy farmer can look forward to a carefree future with your business.

With our technical expertise and practical experience, we have been

helping dairy farmers to produce healthy livestock and optimum yields for more than 15 years. This is not a short-term solution but a long-term one.



Rumen-resistant energy

Innovative energy booster for fresh cows at start-up

Cows have an extremely high energy demand at the start of lactation. A 'normal' starter ration fails to deliver the energy boost they need- with all the inevitable consequences. Adding GluPower to the ration will considerably reduce the energy

gap. GluPower is a rumen-resistant glucose, with no less than 95% of the glucose released at intestinal level. The glucose is then released into other parts of the body, including the udder. As a result, the fresh cow has more energy to divert to milk production.

Is it economically attractive?

YES! As the cows come through the start-up period in a healthier condition, their milk production remains at a higher level throughout the lactation. Farms that use GluPower in their start-up rations see an increase in their BSK (farm standard cow). This result is seen quite consistently, as well as the beneficial impacts on fertility and ability to cope with heat stress.

Martijn Kirghof - Specialist TheTransitionCompany

How does it work?

GluPower is a coated glucose. However, it is technically very difficult to coat glucose in a way that ensures a high percentage is released at intestinal level. However, we have succeeded in doing so.



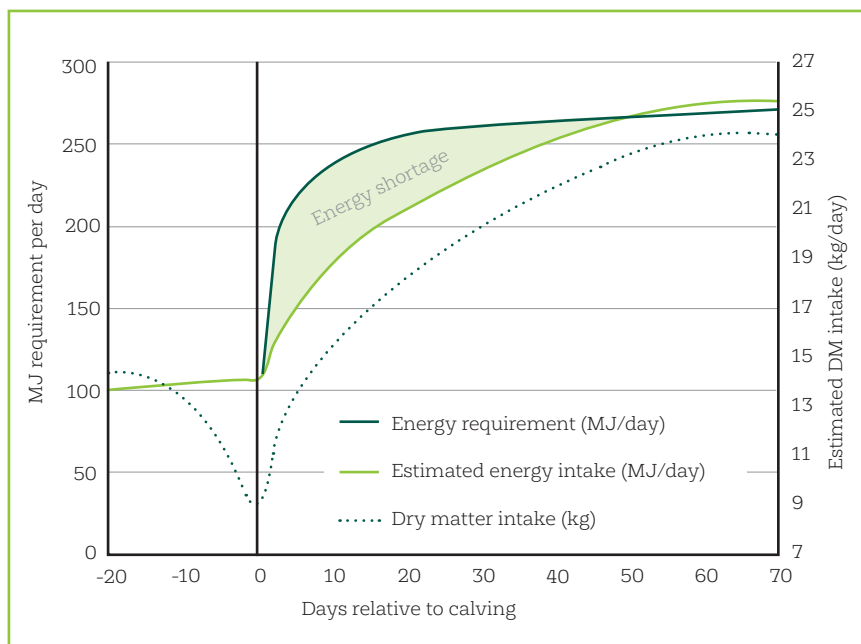
This makes GluPower unique in comparison to other products. Products such as propylene glycol or glycerol can only be administered in limited quantities. Other products, such as fats, also have limitations because they can inhibit feed intake.

In practice, every livestock farmer can benefit from the advantages of GluPower. The product consists of fine pellets the size of sugar grains. These pellets can be dispensed into the feed mixer as easily as mineral mixes. A dispenser can also be used in a robot or feeding station.

Energy requirement versus energy intake

The figure below shows the difference between the energy requirement of newly lactating cows and their actual energy intake. Adding GluPower to

the ration considerably reduces the energy gap.



How does a negative energy balance occur?

In the first weeks of lactation, cows that have just started producing milk use much more energy than they can intake. This imbalance causes cows to lose body condition and makes them susceptible to a range of disorders, such as ketosis, claw problems and fertility problems. On almost every farm, this causes unnecessary disruption and leads to higher costs.

The challenge here is to ensure that fresh cows can intake more energy. As the feed intake and rumen capacity are limited, a rumen-resistant solution is needed. GluPower is a supplement to the start-up ration in the form of rumen-resistant glucose. This provides easily absorbable energy at intestinal level.

Thoroughly tested

GluPower has been extensively tested on various dairy farms. The results show that by adding GluPower to the ration of fresh dairy cows, 4.8 litres

more milk per cow was produced in a period of 17 days. In addition, there was an increase in the BSK of +3.3 point.

The benefits

Enhances fertility



GluPower supplies glucose, which is required to regulate the hormones and improve the egg quality. This gives the desired ovulation and can contribute to faster conception and pregnancy.

Boosts milk production



Practical trials have shown that feeding GluPower results in higher milk production per cow.

Reducing ketosis



A cow makes fewer or no demands on its body reserves. Because you give immediately available energy.

Reduces weight loss



A regular body condition score (BCS) assessment shows that the cows maintain a good weight despite the increasing production. A dairy farmer is normally already satisfied if cows do not lose too much weight during the start-up period.

Equipped to cope with heat stress



Rumen-resistant glucose equips cows to cope with heat stress.

Contact

Would you like to more know? Feel free to contact us without any obligation. We would be happy to discuss our numerous options for tailor-made advice together. TheTransitionCompany team prioritise personal relationships and we are committed to maintaining lasting relationships with our customers.



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