

# PRODUCT BROCHURE

# UNIBLOCK

**THE BEST MINERAL LICK IN EVERY FIELD**



[www.uniblock.ie](http://www.uniblock.ie)

# ABOUT

## UNIBLOCK - THE BEST MINERAL LICK IN EVERY FIELD

A chance meeting of a US inventor, with a patent for hardening molasses, and one of Ireland's leading mineral nutritionists lead to the setting up of Uniblock almost 35 years ago. Now part of the Rumenco group we are Ireland's largest producer of buckets under the Uniblock, Lifeline and Mixrite brands. All production is carried out at our manufacturing site in Dundalk, Co Louth.

Uniblock has the largest range of buckets so farmers can buy a specific product for a particular event in the animal's life. By offering health promoting ingredients as well as minerals farmers get a better return on their investment. Along with this patented process for hardening molasses, now used by all molassed mineral block manufacturers, Uniblock has patented its horse mineral lick and the Lifeline range of colostrum boosting pre calving and lambing treatments.

We work closely with University College Dublin's school of Agriculture and the Irish advisory service Teagasc. Seven post graduate students have investigated a range of subjects including copper supplementation of cattle, mineral and energy requirements in ewes and mineral supplementation of horses at grass. We have also worked with UK research units looking at colostrum quality in ewes. Uniblock was the first mineral company in Ireland to attain UFAS certification and our horse products are NOPS certified for extra insurance. Uniblock has been supported through its development by Enterprise Ireland and its forerunners.

| Product   | Number of animals          | number of day/bucket | At RRP cost/hd/day |
|---|----------------------------|----------------------|--------------------|
| Lifeline Precalver                                  | 10 cows                    | 14 days              | 14 cent/day        |
| Herd minder   | 10 cows                    | 7 days               | 25/cent day        |
| HighMag   | 10 cows                    | 8 days               | 21cent/day         |
| Vitulix   | 20 calves                  | 5 days               | 21cent/day         |
| Beef Booster  | 15 animals                 | 14 days              | 8 cent/day         |
| Settlease   | 15 animals                 | 7 days               | 15 cent/day        |
| Calf to Beef  | 20 200kg calves            | 16 days              | 10 cent/day        |
| Lifeline Lamb & Ewe                                 | 25 sheep                   | 8 days               | 10 cent/day        |
| Economag sheep                                      | 50 sheep or 7 cows         | 10 days              | 3-20 cent/day      |
| Sheep Mineral                                       | 50 sheep                   | 16 days              | 2 cent/day         |
| Garlic  | 50 sheep or 10 cows/horses | 16 days              | 2-10 cent/day      |
| Unitup  | 50 sheep                   | 8 days               | 4 cent/day         |
| BoPeep  | 50 lambs                   | 8 days               | 5 cent/day         |
| Extra High Energy                                   | 25 sheep                   | 8 days               | 9 cent/day         |
| Rumevite High Energy and Protein<br>25 sheep 5 days | 25 sheep                   | 9 days               | 8 cent/day         |
| Rumevite Sheep Super Energy + Fish Oil              | 25 sheep                   | 9 days               | 8 cent/day         |
| Uniblock Horse                                      | 5 horses                   | 25 days              | 15 cent/day        |

# CATTLE

## Lifeline Precalver

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### Better Colostrum for your calf

The only precalver for the calf as well as the cow. Ireland's number 1 choice of precalver as it the only product that boosts colostrum quality for the calf as well as looking after the cow.

Costs just 14 cent/day.



## HerdMinder

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### Only mag bucket with P for protection & fertility

The only high Magnesium bucket with Phosphorus so cows can be protected against grass tetany and be prepared for mating later in the season. Costs just 25 cent/day.



## High Mag

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### Ideal for spring/autumn grazing

The best way to feed magnesium -with 2g of sugar for every 1g of magnesium its sweeter to guarantee protection and hard enough to control intakes. Formulated to maximise copper and other trace element intake. Costs just 20 cent/day.



## Vitulix

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### Protecting stock what ever the weather

With protected minerals, energy and protein, it's the only lick that keeps young stock thriving whatever the weather. Costs just 25 cent/day.



## Econo-Mag

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### For feeding with cattle whilst grazing with sheep

The safest way to feed magnesium with 2g of sugar for every 1g of magnesium its sweeter to guarantee protection and hard enough to control intakes. formulated to maximise cobalt and other trace element intake. Costs just 3-20 cent/day.



## Beef Booster

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### 4 sources of copper and yeast

The only beef bucket with 4 source of copper, vital for cattle grazing on reclaimed or high molybdenum soils. Also contains XP yeast, the yeast of choice on US beef farms . Costs just 9 cent/day.



## Settlease

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### Contains Immuno stimulants, yeasts and natural oils

For feeding during times of stress like weaning, housing, dehorning, and castration. Costs just 10 cent/day.

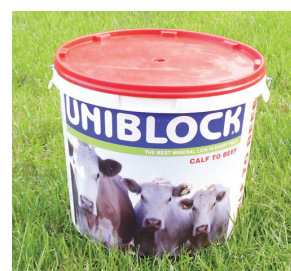


## Calf to Beef

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### For stock at grass or in the shed

Looking after copper, zinc and all your cattle's other mineral requirements at grass. Costs just 8 cent/day.



## Garlic

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### Helps keep flies and midges away from stock

With Garlic oil to help reduce fly and tick problems in your stock. Costs just 10 cent/day.



## Dynamite

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### Dynamite is the best way to replace the sugar lost in the fermentation of grass into silage.

Dynamite is the only lick made with 50% sugar to help turn your silage into spring grass. Animals on Autumn grass (low in sugar) will also benefit from Dynamite. Can be fed to sheep or cattle at a cost of 6-30cent/day. Not Suitable for in-calf heifers or cows due to its high potassium level.



# SHEEP

## Unitup

### High in Energy and Omega 3 fish oils

The only lick that provides ewes with fish oil and minerals to ensure they are ready for the breeding season. Cost just 4 cent/ewe/day.



## Lifeline Lamb and Ewe

### Boosts colostrums quality by 25%

The only lick for the lamb as well as the ewe. Fed prior to lambing it provides protected energy and protein along with a patented blend of ingredients shown to boost colostrum antibody levels by 25%. Costs just 10 cent/day.



## Extra High Energy

### Rumen Protected source of energy

High sugar, protein and protected fat will reduce twin lamb and poor milk yield problems in ewes. Costs just 9cent/ewe/day.



## Bo Peep

### Lamb creep in a bucket

A lamb creep in a lick that complements grass but doesn't replace it. Costs just 4-6cent/lamb/day.



## Dynamite

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## Econo-Mag

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### The sweeter way to feed magnesium

The safest way to feed magnesium with 2g of sugar for every 1g of magnesium its sweeter to guarantee protection and hard enough to control intakes. formulated to maximise cobalt and other trace element intake. Costs just 3cent/day.



## Sheep Mineral

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### The sweeter way to protect ewes and lambs at grass

The best and easiest way to keep cobalt and other trace elements topped up on a daily basis in your flock. Costs just 2cent day / ewe.



## Garlic

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### Helps keep flies and midges away from stock

With Garlic oil to help reduce fly and tick problems in your stock. Costs just 3cent/day.



## Rumevite High Energy and Protein

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### A high energy feed and mineral supplement

A pressed block of barley and soya ideal for ewes grazing rough ground from October to April. Cost just 7cent/day.



## Rumevite Sheep Super Energy + Fish Oil

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### Very high energy block for ewes

For when ewes need that little bit extra. Costs just 8cent/day.



# HORSES

## Uniblock Horse

### Proven consistent intakes

The only bucket with research behind it. Shown in independent trials to increase copper and zinc levels in grazing mares foals and yearlings.

Costs Just 15cent/day.



## Garlic

### Helps keep flies and midges away from stock

With Garlic oil to help reduce fly and tick problems in your stock.

Costs just 3cent/day.



# LIFELINE

Developed in conjunction with SAC (SRUC) and based on test results from Harper Adams college. Lifeline is a colostrum boosting product to ensure the baby animals potential is protected during the first vital weeks of life. Lifeline was awarded an EU patent in 2012.

## Lifeline

### Better Colostrum for your calf

The only precalver for the calf as well as the cow. Ireland's number 1 choice of precalver as it the only product that boosts colostrum quality for the calf as well as looking after the cow. Costs just 14cent/day.

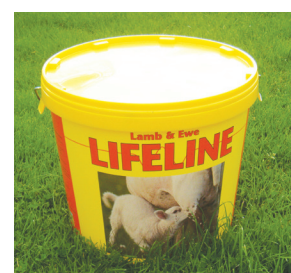


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Costs just 10cent/day.



# BUCKET HANDLING

Packaging weights per pallet. Plastic 36.4kgs. Wood 35kgs



Don't Double stack.



Lids can be cracked due to the impact of the top pallet.



Water will then damage the product. Uniblock will supply new lids FOC.



Damaged buckets caused by the placing and removal of a top pallet.



In warm weather and in direct sunlight buckets will go soft.



By placing indoors the temperature will fall by up to 20 degrees and hardness is restored.



During warm weather ( above 15°C buckets) the buckets on the bottom of a pallet will become misshapen due to the weight of the buckets above it.



Direct sunlight can fade the bucket artwork despite the use of UV protectors. Slow moving or seasonal items are best stored inside.

# FEEDING EQUIPMENT

## Rumovite Container

- Use at grass with cattle and sheep.
- Site over the total grazing area in order to avoid poaching the ground.
- Can be secured to a vehicle as a block carrier and towed for easier movement.
- Self draining to help keep blocks dry.
- Allow 1 feeder per 15 cattle or 35 sheep.



## Spike Feeder

- Ideal for ewes and lambs at grass and on root/forage crops.
- Keeps blocks clean and dry and controls consumption.
- Allow one feeder per 35 sheep.



## Wall/Gate Feeder

- For feeding Rumovite to housed cattle and sheep.
- Fix to the barrier or gate at head height for cattle and sheep.
- Keeps blocks clean and dry and controls consumption.
- Allow 1 feeder per 15 cattle or 35 sheep.



## Gate Mounted Bucket Feeder

- The Uniblock bucket holder is ideal for keeping the lick away from wildlife and non target species.
- It also prevents the bucket from being damaged when animals are housed or in confined spaces.
- It can be used with 12, 15, 18, 20, 22.5 and 25kg buckets.
- Cost €30 each.



# TRIAL WORK

Numerous field trials and scientific trials carried out at University College Dublin, have proved the effectiveness of the Uniblock range of mineral blocks in providing essential minerals and trace elements to livestock.

We pioneered feed blocks and through innovation and research-based initiatives, we have maintained our lead in the market for ruminant supplements. We have also invested heavily in quality standards across all departments of our business to enhance customer confidence in our products and service.

## UCD trial shows benefit of feeding Uniblock energy buckets to ewes after lambing. *Irish Farmers Journal 16 February 2013*

Feeding ewes after lambing correctly ensures that their lambs have plenty of milk and allows the ewes to recover after lambing. Ewes with triplets need supplementary feed regardless of grass supply to ensure their lambs grow as fast and as evenly as possible in the first six to eight weeks. A 20g/day improvement in growth rate could reduce the time taken to fatten lambs by as much as 12 days. The trial below was carried out in spring 2012 and ewes had plenty of grass in front of them for the duration of the trial, though weather conditions while very benign in March turned cooler in April for the last three weeks of the trial. The trial consisted of 24 ewes with triplets at foot that were divided between two treatments:

- 1kg meal/ewe/day (control).
- 0.5kg meal/ewe/day and free access to Uniblock high energy buckets (treatment).

As ewe mating in UCD is synchronised all lambs were born within a few days of each other. The ewes were on the treatment for six weeks, when creep concentrate feeding was introduced to the lambs. Average block intakes were taken every three days and averaged out at 135g/ewe/day. While no difference of body condition score (BCS) was observed at week five, post lambing, there was a difference at weaning with the ewes that received the bucket in better condition (Table 1). The lamb growth rate to weaning from birth differed also with those on the ewes that had access to the bucket achieving a higher growth rate. This resulting in a trend of higher lamb weights at weaning (Table 2). Uniblock energy buckets provides protected energy (11.5% Megalac) and protein (protected soya) for milk production, as well as magnesium to prevent grass tetany and a full range of trace elements. At current prices, it is cheaper to offer 0.5kg meal and allow free access to Uniblock energy products compared with 1kg of meal/day. It also requires less work as feeding more than 0.5kg of meal in one feed is not advisable. Energy buckets are also ideal for ewes with twins, especially if grass is scarce. Farmers also find that the use of buckets reduces mismothering, as it is not natural for the ewes to abandon their lambs on mass as happens when the bag of meal is brought into the field. It is important to place one bucket/hectare and one per 25 ewes. So, a 10-acre field with 150 ewes should have at least six buckets available at all times.



Feeding ewes after lambing correctly ensures that their lambs have plenty of milk and allows the ewes to recover after lambing.

**Table 1: Effect of treatment on ewe body condition score (BCS) and its change over the period of lactation**

|                                | Control | Treatment |
|--------------------------------|---------|-----------|
| Body condition score at:       |         |           |
| Day 0 lambing                  | 2.9     | 3.0       |
| Day 37 after lambing           | 2.6     | 2.6       |
| Day 99 after lambing           | 2.8     | 3.0       |
| Body condition score change:   |         |           |
| Day 0 to day 99 after lambing  | -0.31   | -0.40     |
| Day 37 to day 99 after lambing | 0.24    | 0.46      |

**Table 2: Effect of Uniblock energy buckets on lamb average daily gain (ADG) from day 21 to day 150**

| Days | Control | Treatment |
|------|---------|-----------|
| 21   | 214     | 216       |
| 39   | 213     | 223       |
| 99   | 224     | 243       |
| 107  | 222     | 238       |
| 118  | 208     | 218       |
| 135  | 192     | 200       |
| 150  | 185     | 191       |

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