



DUFFIELDS  
DIRECT  
TRUSTED PERFORMANCE



## MINERAL RANGE



[www.duffields.co.uk](http://www.duffields.co.uk)

# INTRODUCTION

## Duffields Mineral Range

- Available as in-feed and fully waterproofed free access.
- High specifications carefully formulated to meet the requirements of modern, high genetic merit stock.
- Custom mineral formulations can be supplied. Please consult your local Duffield specialist.
- Feeding minerals helps correct deficiencies in grazing, forages, and straights to maximise health, fertility and performance.
- Palatable to ensure stock consume the correct daily amount in a controlled way.
- Includes dust proofing to reduce waste.

## Free Access Minerals

- Offer in a free draining container to prevent waste.
- Site away from the water source in locations where stock shelter.
- Offer in the ratio of one feeding point per 25 cattle or one per 50 sheep.
- Check regularly to measure consumption.

## In-Feed Minerals

Normally included at 1x25kg bag per tonne of finished feed if restricted. Can also be top dressed onto forage or bulk feed.

## Farm Mineral Requirements and Feeding Recommendations

	<b>g/head/day</b>	<b>25kg bags / 100 head / month</b>
<b>Dairy Cows</b>	100 - 150	13 - 19
<b>Suckler Cows</b>	100 - 150	13 - 19
<b>Young Stock</b>	50 - 100	6 - 13
<b>Ewes</b>	15 - 30	2 - 4

# CATTLE MINERALS

## **Cattle GP**

A wide range of livestock including dairy cows, beef cattle, heifers and young stock at grass will benefit from being offered this mineral. Can also be used to supplement winter rations. A full range of vitamins, minerals and trace elements help to safeguard the general health and productivity of these farm livestock.

## **Cattle Hi Mag**

A high magnesium mineral, which incorporates a blend of available magnesium sources for optimum availability and palatability, to balance the reduced levels in grass.

## **Cattle High Phos**

A multi-purpose mineral suitable for dairy cows at grass, and suckler cows and heifers kept under extensive conditions with high phosphorus levels help to boost growth and production.

## **Intensive Beef**

An in-feed mineral for inclusion in rations for intensive and semi-intensive beef cattle, where cereal intakes are high. The inclusion of good levels of vitamin E and selenium help to boost immune status and improve meat quality through reduced drip loss.



# DAIRY MINERALS

## Dairy

Dairy cows and heifers will benefit from being offered this mineral. Can also be used to supplement winter rations. A full range of vitamins, minerals and trace elements help to safeguard the general health and productivity of these farm livestock.

## Elite Dairy

High yielding dairy cows will benefit from this specialist dairy mineral that is particularly suitable for feeding alongside mixed forages, including maize and wholecrop silages, fed in combination with grass silage.

## Dry Cow

Designed to meet the requirements of both cow and calf during the last 6 weeks of pregnancy. Optimin® chelated trace elements are used to improve bio-availability and prepare the cow for the forthcoming lactation.



# SHEEP MINERALS

## Sheep GP

A specific formulation designed to meet the requirements of both the ewe and her lambs during pregnancy. High levels of vitamin E and selenium boost the immune system and help to improve lamb viability.

Balanced phosphorus and magnesium levels meet the demands of the growing lamb whilst inclusion of iron reduces the risk of anaemia during pregnancy. High levels of zinc aid tissue growth and help to improve foot condition. This is also an ideal pre-tupping mineral.

## Sheep Hi Mag

A high magnesium mineral for lactating ewes and sheep at grass. Highly bio-available magnesium helps to prevent grass staggers whilst balanced levels of vitamins and minerals may help to increase production and improve fertility.



# MINERAL BUCKETS

## Maxcare Mineral Buckets

We offer a wide selection of molassed mineral buckets from the Trouw Nutrition Maxcare range:

## Cattle Buckets

<b>Maxcare Bucket Product Selector</b>	
<b>Category</b>	<b>Product</b>
<b>Dry Cows</b>	Maxcare Dry Cow Maxcare Super Dry Cow
<b>Dairy</b>	Maxcare Cattle GP Maxcare SuperMag Cattle Maxcare Hoof
<b>Youngstock &amp; Growing Cattle</b>	Maxcare Cattle GP Maxcare Protein Energy Maxcare Garlic
<b>Suckler</b>	Maxcare Cattle GP Maxcare Suckler & Heifer Maxcare Dry Cow Maxcare Super Dry Cow Maxcare Garlic Maxcare Hoof
<b>Dairy Replacements</b>	Maxcare Cattle GP Maxcare Suckler & Heifer Maxcare Garlic Maxcare Hoof

# MINERAL BUCKETS

## Sheep Buckets

### 20kg Bucket - 12 Month Shelf Life:

#### **Maxcare Sheep GP**

A quality bucket containing a balance of vitamins and minerals designed to meet year round requirements of sheep. Also contains a high level of vitamin E to help aid general immunity and fertility.

#### **Maxcare SuperMag Sheep**

A quality bucket containing good levels of magnesium to help with the reduction of grass staggers.

#### **Maxcare MagPhos**

This mineral bucket contains good levels of magnesium and phosphorus for general balancing during the pre-tupping period.

#### **Maxcare Garlic**

A specialist bucket providing a good compliment of vitamins and minerals. Also contains garlic which may act as a fly repellent.

#### **Maxcare Protein Energy**

A high quality feed bucket containing vegetable protein and protected fat. This bucket will provide the required protein energy 'top up'.

### 25kg Bucket - 12 Month Shelf Life:

#### **Maxcare Super Boost Ewe Bucket**

High specification protein and energy bucket specifically formulated to balance ewe requirements during the pre-tupping period. Contains omega-3 fish oils and protected fat to help boost health and productivity during a period when they need it the most. A high level of by-pass protein has been included to make this an ideal supplement during early lactation.

#### **Maxcare Boost Ewe Bucket**

High protein and energy bucket with a full complement of minerals and vitamins designed to supplement the nutritional requirements of the ewe through all her critical stages, including pre-tupping, late pregnancy and early pregnancy. The high protein made up of a mixture of natural protein and urea adds an essential boost for growth and production.

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Notes

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