

## Master Mineral Range Analysis

Product	Units	Precalver	(N) Precalver Super	(N) Precalver Gold	Postcalver	Cattle Gen Purpose	(N) Hi-Mag	(N) Maize Beet	(N) Sheep	(N) Iodized Salt	(N) Sweetened Cal/mag
Pack size		25kg	25kgs	25kgs	25kgs	25kgs	25kgs	25kgs	25kgs	25kgs	25kgs
Calcium	%	2% Max	2% Max	2% Max	2.4%	20	8	26.5	18	25kgs	25kgs
Phosphorus	%	0	3	4	6	2	0	6	3	-	-
Sodium	%	25	18	15.3	6.6	16	10	5.6	16	37.8	11.5
Magnesium	%	15	19	20	8	-	28	4.5	4	-	33
Selenium	mg/kg	60	60	60	30	35	50	26	35	-	-
Selplex	Mg/kg	-	6	6	-	-	-	-	-	-	-
Iodine	mg/kg	700	700	700	550	400	600	437	500	1500	-
Cobalt	mg/kg	100	120	120	70	65	80	56	300	-	-
Zinc	mg/kg	5000	5000	5000	3500	4000	5000	3100	5000	-	-
Bioplex Zinc	mg/kg	-	400	750	350	-	-	770	500	-	-
Copper	mg/kg	4000	4000	4000	3000	2400	4000	2400	-	-	-
Bioplex Copper	mg/kg	-	400	1000	350	-	-	600	-	-	-
Manganese	mg/kg	1000	2000	2000	3500	1000	1000	3000	1000	-	-
Vitamin A	iu/kg	250000	300000	500000	350000	200000	200000	340000	250000	-	-
Vitamin D3	iu/kg	50000	100000	120000	75000	40000	40000	100000	50000	-	-
Vitamin E	mg/kg	750	3600	4500	1500	500	500	2000	1000	-	-
Vitamin B12	mcg/kg	-	-	-	-	-	-	400	-	-	-
Sodium Bicarbonate	%	-	-	-	-	-	-	-	-	-	-
Feeding Rate	gms/day	100g	100g	100g	200g	25g/100kg/liv	150g	250g	16-24g	See label	See label

## Molassed Minerals and Blocks Feeding Calendar

Livestock Category	Time of Year	Recommended Minerals	Recommended Blocks
<b>Dairy Cows</b>	Dry Period	Pre-Calver	Pre-Calver
	After Calving	Post-Calver	Fertility
	Summer Grazing	Post-Calver	Hi-Mag
	Autumn Grazing	-	Hi-Mag
<b>Beef Cows</b>	Dry Period	Pre-Calver	Pre-Calver
	After Calving	-	Hi-Mag
	Summer Grazing	-	Hi-Mag
	Autumn Grazing	-	Hi-Mag
<b>Dry Cattle</b>	Calves	-	Calf/Beef
	Weanlings and Upwards	Cattle/Gen Purpose	Calf/Beef
	Replacements	Cattle/Gen Purpose	Calf/Beef
	In-calf Heifers	Pre-Calver	Pre-Calver
<b>Sheep</b>	Pre-Tupping	Sheep	Sheep
	Pre-Lambing	Sheep	Sheep
	Post-Lambing	Sheep	Sheep
	Tetany Risk	-	Master Block Sheep-Mag

**Note: Information contained in this leaflet may change from time to time to meet departmental regulations, for the most up to date product information please consult the product label.**

All feeding guidelines should be strictly followed.

For further details please contact your local Nutribio Rep

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Revised: 11/02/2008

# Nutribio

Precision Nutrition

## MASTER



## Blocks

## Minerals

Premium Quality  
Mineral/Vitamin supplement  
range to meet the needs of  
your valuable livestock



## Master Block Range

The Master Range of Blocks and Minerals is the number one choice for premium quality Molassed Mineral/Vitamin Supplements to keep your livestock's health in peak condition. The Range has been formulated to the latest recommendations of An Teagasc and the Dept of Agriculture.

*The key points to note on the Range are as follows:*

- Formulated from premium quality raw materials
- Formulated to provide all the daily recommended allowances of minerals, trace elements and vitamins
- Manufactured to a UFAS approved Registered Quality System
- Highly palatable for optimum intakes
- Flexible over a wide range of farming systems
- Convenient for minimum disturbance to cattle and sheep

### Recommended Use of the Master Block Range:

#### PreCalver

For dairy and suckler cows precalving. The block provides essential minerals, trace elements and vitamins to help avoid calving difficulties and milk fever. The high vitamin E and Selenium levels ensure healthy calves with a high level of disease resistance.

#### Fertility

For dairy cows post-calving, as this period is critical due to heavy demands being placed on the animals reserves. The block contains phosphorus high levels of trace elements and vitamins. Using the block during this period ensures that costly fertility and general health problems are minimised.

#### Hi-Mag

For dairy and beef cows at grass when there is a risk of grass tetany. Contains magnesium in a highly palatable form to ensure adequate intakes.

#### Calf/Beef

Designed for calves and beef cattle to ensure thrive in animals whose mineral nutrition can often be overlooked. The product contains all the daily mineral allowance for beef cattle and replacement heifers.



#### Economy Hi-Mag

For dairy and suckler cows at grass when there is a risk of grass tetany. As the product does not contain copper it is suitable for grazing areas where both cattle and sheep graze. **Warning:** Additional magnesium may need to be fed in times where there is a high risk of grass tetany.

#### Sheep

Suitable for all classes of ewes pre-tupping, pre-lambing and post-lambing. Also recommended for steaming-up rams pre-tupping. Suitable also for lambs at pasture with essential minerals required to ensure thrive. Not suitable for ram lambs.



### Master Block Range Feeding Instructions

- A common practice is to place the block inside a car tyre at the desired feeding site.
- To avoid poaching it is recommended to move the blocks occasionally.
- To stimulate intakes place near a water source
- If intakes are excessive blocks should be rationed to the levels as recommended.

### Master Block Range Analysis

Analysis	Pre-Calver	Fertility	Hi-Mag	(N) Eco Hi-Mag	(N) Gen Purpose	Calf/Beef	Sheep
Calcium (%)	1.8	9.8	2	1.4	5	5	4.1
Phosphorus (%)	0	3	0	0	2	2	2
Magnesium (%)	15	5	15	12.0	3	3	5
Sodium (%)	6.7	5.5	6	9.8	11	11	11.7
Total Copper (mg/kg)	3000	3000	2400	0	2400	2400	50
Bioplex Copper (mg/kg)	400	400	-	0	0	0	-
Zinc (mg/kg)	4500	4500	2400	2000	3500	3500	5000
Bioplex Zinc (mg/kg)	-	-	-	-	-	-	500
Manganese (mg/kg)	1000	1000	1000	500	1000	1000	1000
Iodine (mg/kg)	560	580	440	400	500	500	500
Cobalt (mg/kg)	80	80	60	50	80	80	300
Selenium (mg/kg)	45	45	35	24	35	35	35
Vitamin A (iu/kg)	200000	200000	0	0	200000	200000	200000
Vitamin D3 (iu/kg)	40000	40000	0	0	40000	40000	40000
Vitamin E (mg/kg)	750	750	0	0	500	500	750

## Master Blocks Intake Guide

Intakes	Recommended Daily Intakes
Pre-Calver	100g-125g
Fertility	150g-190g
Calf/Beef	20g-25g/100kg lw
Hi-Mag	200g-250g
Economy Mag	Cow : 200g-250g Ewe: 25g-40g
Sheep	Ewes: 25g-30g Lambs:15g-20g

## Master Mineral Range

### Recommended use of Master Mineral Range

#### PreCalver

For dairy and beef cows and replacements before calving as an aid to prevent milk fever and reduce calving difficulties.

#### Supreme Pre-Calver

As per Pre-Calver but with higher levels of Selenium, Iodine, Vitamin E, Bioplex Copper and Zinc. Iodine deficiency can lead to calf mortality and ill-thrift. When Iodine and Selenium are present they work in conjunction with one another to make the Iodine more available to the animal. Protected Selenium is the key leading to :

- Less retained placentas
- Quicker easier calving
- Reduced Calf Mortality.

#### Postcalver:

Specifically formulated for milking cows on conventional grass diets and cattle are low in phosphorus.

#### Maize/Beet

Contains higher levels of Phosphorus and Vitamin E where maize silage or fodder beet constitutes a significant part of the diet.

#### Cattle General Purpose

Designed for supplementing the diet of cattle and cows indoors on silage/grass diets. Ideal balancer for 3 and 4 way mixes.

#### Sheep

For all conventional sheep systems on grass based diets. Do not feed to ram lambs as there is a urinary calculi risk. Nutribio Intensive lamb ammonia chloride is available for this purpose with no Magnesium.

#### Hi-Mag

For dairy and beef cows at risk of grass tetany.