







Molassed Mineral Vitamin Bucket



Product		 PRECALVER	 HI MAG	 CALF TO BEEF	 FERTILITY	 SHEEP	 SHEEP ENERGY
Calcium	%	4	4	12.5	10	12.5	5
Phosphorus	%	1		1	3	3	02
Magnesium	%	12	15	1	2	3	2
Sodium	%	7	7	11	6	8	2
Selenium	mg/kg	48	35	35	50	35	10
Manganese	mg/kg	1000	1000	1000	1000	1000	500
Cobalt	mg/kg	80	80	80	80	80	20
Total Iodine	mg/kg	560	440	440	560	440	50
Total Zinc	mg/kg	4000	3000	3000	4000	4000	500
Protected Zinc	mg/kg	250			250		
Total Copper	mg/kg	3000	2400	2400	2400		
Protected Copper	mg/kg	250			250		
Vitamin A	iu/kg	100000		100000	100000	100000	
Vitamin D3	iu/kg	20000		20000	20000	20000	
Vitamin E	iu/kg	2000	100	200	500	200	75
Vitamin B1	mg/kg			30			
Vitamin B2	mg/kg			30			
Vitamin B6	mg/kg			30			
Vitamin B12	mg/kg			500		500	
PROTEIN	%						17
OIL	%						3
FIBRE	%						1
ASH	%						24

Molassed Minerals & Vitamins

Protect your stock with protected minerals

Available in buckets & bags



- **PRECALVER:** Dairy & beef cows pre-calving. Replacement heifers pre-calving
- **FERTILITY:** Dairy & beef cows post-calving
- **CALF/BEEF:** Calves, beef cattle and replacement heifers
- **SHEEP:** Designed for feeding to ewes (pre and post-lambing and pre-tupping) and to lambs at pasture.

- **HI MAG:** Dairy & beef cows at risk of grass tetany. Designed for feeding to lactating cows as an aid in the prevention of grass tetany.

Warning: in periods of high tetany risk, additional magnesium may be required, over and above what this block can provide.

- **SHEEP ENERGY:** 17% protein, with soya, molasses and Megalac™ to maximise fertility and lamb birth weights



TIPPERARY CO-OP

O'Brien St., Tipperary T: 062 33111
 Borrisoleigh T: 0504 51117
 Gooldscross T: 0504 42444



Powdered Mineral Vitamin Supplements - Bags

Product Feeding Rate	PRECALVER 100-150g/h/d	HI-PHOS FERTILITY 150g/h/d	CALF/BEEF/ GP 20g/100kg LWT	SHEEP 25-40g/h/d	MAIZE/BEET DRYSTOCK 20g/100kg LWT LACTATING 200g/h/d	DRY COW 100-120g/h/d
Calcium (%)	-	18.05	20.36	20.67	14.35	-
Phosphorus (%)	3	6	3	3	10	1
Magnesium (%)	15	5	2	2	5	15
Sodium (%)	18.8	10	13.5	13.5	10	24.24
Copper mg/kg	2000	3000	3000	-	2500	3000
Protected Copper mg/kg	1000	1000	-	-	500	-
Cobalt mg/kg	100	100	100	100	100	100
Iodine mg/kg	740	720	400	600	525	740
Zinc mg/kg	4250	4500	4500	4500	4250	5000
Protected Zinc mg/kg	750	500	500	500	750	-
Selenium mg/kg	55	50	50	50	40	60
Manganese mg/kg	3000	3000	3000	3000	2500	3000
Vitamin A iu/kg	400000	400000	300000	300000	350000	400000
Vitamin D3 iu/kg	150000	100000	80000	100000	80000	100000
Vitamin E mg/kg	4500	4000	1000	1000	3000	3000
Vitamin B1 mg/kg	-	-	-	80	-	-
Vitamin B12 mcg/kg	-	1000	1000	5000	1000	-
Seaweed meal (%)	5	-	-	-	-	-
Selplex mg/kg	5	-	-	-	-	-

Features of Co-Op Source Minerals



Only top quality bio-available raw materials used



Products are formulated to complement the situations found on Irish farms



Formulations meet or exceed the levels recommended by latest Irish research



Products are formulated for optimal palatability to ensure correct intake



The use of Bioplex™ (protected) trace elements in key products avoids the problems of trace elements being 'locked up' through interactions.

- PRECALVER "VIT-A-LINK"**
 Ideal for meeting the needs of the pre-calving cow, reduced calving difficulties and retained placenta. Produces healthier calves, ensures calves get the best possible start to life and improves fertility
- HI-PHOS FERTILITY**
 Contains high levels of trace elements and vitamins in addition to all the major minerals required for optimum milk production. It has to be fed post calving.
- CALF/BEEF**
 Formulated for use in growing & finishing cattle diets. Contains vitamin B12. It can be used at a feeding rate of 20g per 100kg body weight.
- SHEEP**
 A high quality minerals for feeding pre & post lambing. Contains Bioplex Zinc and B Vitamins

- MAIZE / BEET**
 Ideal formulation for use with maize silage and/or fodder beet/ sugar beet. It contains 10% Phosphorus which is among the highest level in this mineral category.
- DRY COW**
 Balanced to minimise calving problems and to ensure new born calves get the best possible start to life.

Warnings:

Do not feed mineral containing more than 3% Calcium to cows pre calving.

Do not feed dry cow or pre calver mineral to young stock and cows post calving.

Do not feed cattle minerals to sheep.

