

## Features & Benefits

### Each bolus contains the following Trace Elements:

- › **Iodine:** Involved in synthesis of important hormones, which aid immune and muscle function and reproduction.
- › **Cobalt:** Required for the synthesis of Vitamin B12, red blood cells and vitality.
- › **Manganese:** Is an activator of many enzymes in addition to supporting growth rates.
- › **Zinc:** Required for hoof health, storage and secretion of hormones and electrolyte balance.
- › **Selenium:** Aids immune function, hormone regulation and resistance to disease.
- › **Copper version:** aids in immune function and is involved in structural and metabolic functions.

### Available Pack Sizes

All of the products in the Ovitop range are available in 100 x 5g boluses per tub.

### Other Products Available in the Range



For further details contact Nutribio on:

T: +353 (0)21 450 7303  
W: [www.nutribio.ie](http://www.nutribio.ie)

Or contact CAHL on:

T: +353 (0)59 915 1251

Co-Operative  
Animal Health  
GROUP

Nutribio  
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Co-Operative Animal Health Ltd.

MasterVet™  
TRUSTED ANIMAL HEALTH SOLUTIONS



# OVITOP SHEEP AND LAMB BOLUS RANGE

SUPPLIES TRACE ELEMENTS  
OVER A 4 MONTH PERIOD.

Qualifies for the Sheep Welfare Scheme

Available with  
& without Copper  
Easy to Use  
4 Months Cover  
1 Bolus – per  
administration



## What Makes Ovitop Boluses Different?

The Ovitop range of boluses display zero order release rates as evidenced from our field trials, this ensures that these boluses deliver a *constant amount* of Trace Elements (TE) for the full duration of the bolus lifetime.

Even as the bolus shrinks over the 4 month period the daily level of TE supplied does not decrease, but remains constant. Research work on our boluses supports this concept.

Many other boluses on the market display **first order release rates** which deliver a *constant fraction* of the bolus daily. However with these boluses, as the weight of the bolus gets smaller so too does the amount of TE released.

Ovitop boluses complex matrix structure ensures that as the bolus size shrinks over the 4 month period a constant daily amount of trace elements is delivered.



## Sheep Bolus



ANALYTICAL CONSTITUENTS		COMPOSITION	
Calcium	0.9%	Sodium	0.1%
Phosphorus	0.0%	Magnesium	0.1%
		Iron (ballast), vegetable fat from rapeseed, calcium stearate.	

ADDITIVES – TRACE ELEMENTS	Per kg	Average daily supply 1 bolus over 4 months
3b202 Iodine (Anhydrous Calcium Iodate)	58,900 mg	2.5 mg
3b302 Cobalt (Cobalt Carbonate (II))	28,600 mg	1.2 mg
3b502 Manganese (Manganese (II) Oxide)	58,280 mg	2.4 mg
3b603 Zinc (Zinc Oxide)	340,400 mg	14.2 mg
E8 Selenium (Sodium Selenite)	11,960 mg	0.5 mg

ADDITIVES – TRACE ELEMENTS COMPOUNDS	Per kg	Average daily supply 1 bolus over 4 months
3b202 Anhydrous Calcium Iodate	92,031mg	3.8mg
3b302 Cobalt (II) Carbonate	57,200mg	2.4mg
3b502 Manganese (II) Oxide	94,000mg	3.9mg
3b603 Zinc Oxide	472,778mg	19.7mg
E8 Sodium Selenite	26,577mg	1.1mg

### INSTRUCTIONS FOR USE

- 1 x Ovitop Lamb bolus per lamb**
- 1 Ovitop bolus - 1 month before tupping and 1 Ovitop bolus - 1 month before lambing OR
  - 1 Ovitop bolus at time of going out and 1 Ovitop bolus at housing.
  - Administer with a suitable bolus applicator.
  - Store in a dry location and out of reach of children.
  - Should not be given in conjunction with other mineral supplements without recourse to specific expert technical advice.
  - This bolus contains 17% inert iron in order to increase its density.

## Lamb Bolus



ANALYTICAL CONSTITUENTS		COMPOSITION	
Calcium	0.9%	Sodium	0.1%
Phosphorus	0.0%	Magnesium	0.1%
		Iron (ballast), vegetable fat from rapeseed, calcium stearate.	

ADDITIVES – TRACE ELEMENTS	Per kg	Average daily supply 1 bolus over 4 months
3b202 Iodine (Anhydrous Calcium Iodate)	19,220 mg	0.80 mg
3b302 Cobalt (Cobalt Carbonate (II))	9,620 mg	0.40 mg
3b502 Manganese (Manganese (II) Oxide)	155,000 mg	6.40 mg
3b603 Zinc (Zinc Oxide)	296,000 mg	12.30 mg
E8 Selenium (Sodium Selenite)	7,130 mg	0.30 mg

ADDITIVES – TRACE ELEMENTS COMPOUNDS	Per kg	Average daily supply 1 bolus over 4 months
3b202 Calcium Iodate Anhydrous	30,031mg	1.3mg
3b302 Cobalt (II) Carbonate	19,240mg	0.8mg
E5 Manganous Oxide	250,000mg	10.4mg
3b603 Zinc Oxide	411,111mg	17.1mg
E8 Sodium Selenite	15,844mg	0.7mg

### INSTRUCTIONS FOR USE

- 1 x Ovitop Lamb bolus per lamb**
- Administer with a suitable bolus applicator.
  - Store in a dry location and out of reach of children.
  - Should not be given in conjunction with other mineral supplements without recourse to specific expert technical advice.
  - This bolus contains 17% inert iron in order to increase its density.

## Sheep Bolus



ANALYTICAL CONSTITUENTS		COMPOSITION	
Calcium	0.9%	Sodium	0.1%
Phosphorus	0.0%	Magnesium	0.1%
		Iron (ballast), vegetable fat from rapeseed, calcium stearate.	

ADDITIVES – TRACE ELEMENTS	Per kg	Average daily supply 1 bolus over 4 months
3b202 Iodine (Anhydrous Calcium Iodate)	58,900 mg	2.5 mg
3b302 Cobalt (Cobalt Carbonate (II))	28,600 mg	1.2 mg
3b412 Copper (Copper (I) Oxide)	400,500 mg	16.6 mg
E8 Selenium (Sodium Selenite)	11,960 mg	0.5 mg

ADDITIVES – TRACE ELEMENTS COMPOUNDS	Per kg	Average daily supply 1 bolus over 4 months
3b202 Anhydrous Calcium Iodate	92,031mg	3.8mg
3b302 Cobalt (II) Carbonate	57,200mg	2.4mg
3b412 Copper (I) Oxide	500,625mg	20.9mg
E8 Sodium Selenite	26,577mg	1.1mg

### INSTRUCTIONS FOR USE

- Sheep and goats over 25 kg:**
- 1 Ovitop bolus - 1 month before tupping and 1 Ovitop bolus - 1 month before lambing OR
  - 1 Ovitop bolus at time of going out and 1 Ovitop bolus at housing.
  - Administer with a suitable bolus applicator.
  - Store in a dry location and out of reach of children.
  - Should not be given in conjunction with other mineral supplements without recourse to specific expert technical advice.
  - This bolus contains 19% inert iron in order to increase its density.
  - Do not feed to breeds of sheep susceptible to copper toxicity.

## Lamb Bolus



ANALYTICAL CONSTITUENTS		COMPOSITION	
Calcium	0.9%	Sodium	0.1%
Phosphorus	0.0%	Magnesium	0.1%
		Iron (ballast), vegetable fat from rapeseed, calcium stearate.	

ADDITIVES – TRACE ELEMENTS	Per kg	Average daily supply 1 bolus over 4 months
3b202 Iodine (Anhydrous Calcium Iodate)	19,220 mg	0.80 mg
3b302 Cobalt (Cobalt Carbonate (II))	9,620 mg	0.40 mg
3b412 Copper (Copper Oxide)	132,000 mg	5.50 mg
3b502 Manganese (Manganese (II) Oxide)	97,340 mg	4.06 mg
3b603 Zinc (Zinc Oxide)	223,480 mg	9.31 mg
E8 Selenium (Sodium Selenite)	7,130 mg	0.30 mg

ADDITIVES – TRACE ELEMENTS COMPOUNDS	Per kg	Average daily supply 1 bolus over 4 months
3b202 Anhydrous Calcium Iodate	30,031 mg	1.3mg
3b302 Cobalt (II) Carbonate	19,240 mg	0.8mg
3b412 Copper (I) Oxide	165,000mg	6.9mg
3b502 Manganese (II) Oxide	157,000mg	6.5mg
3b603 Zinc Oxide	310,389mg	12.9mg
E8 Sodium Selenite	15,845mg	0.7mg

### INSTRUCTIONS FOR USE

- 1 x Ovitop Lamb bolus per lamb**
- Administer with a suitable bolus applicator.
  - Store in a dry location and out of reach of children.
  - Should not be given in conjunction with other mineral supplements without recourse to specific expert technical advice.
  - This bolus contains 17% inert iron in order to increase its density.
  - Do not feed to breeds of sheep susceptible to copper toxicity.