

# Winslow Sheep Blocks

Molassed Mineral Blocks and Molassed Feed Blocks available in a range of formulations to meet the specific needs of your sheep.

Winslow Blocks are made by pouring our special molasses-based mixes into a plastic tub in which the blocks set. Even in severe conditions, the tub protects the block from soiling and collects rain which softens the block to improve intakes during periods when requirements are typically higher.

The performance and profitability of pastoral based sheep production can at times be limited by key nutrients – energy, protein, major minerals, trace elements or vitamins. An awareness of which nutrient is limiting production and supplying it in a cost-effective, convenient form can improve both profitability and peace of mind. Winslow Molassed Mineral Blocks are a cost effective, convenient way to supplement the diet of sheep that might be lacking in major minerals, trace elements and vitamins.

Winslow Molassed Feed Blocks provide the option to deliver energy and/or protein in addition to major minerals, trace elements and vitamins when forages alone are unable to support the production level required.

## Trace element nutrition for sheep

Trace elements are minerals required by the animal in very small amounts and influence enzymes, hormones and the nervous system. Trace elements given in excess can have serious effects. The balance of trace elements and minerals in Winslow Blocks and composition of the blocks allow sheep to self-regulate their intake, minimising the risk of excessive uptake and imbalances.

### Cobalt

Cobalt is important for the production of vitamin B12 by rumen micro-organisms; a deficiency that is associated with ill-thrift and poor appetite. Cobalt levels are lower in spring and summer and lambs are particularly susceptible just after weaning.

### Iodine

Deficiencies are mainly associated with animals eating brassica crops containing goitrogens which interfere with the production of thyroxine by the thyroid gland.

### Selenium

Selenium plays an important role in muscle function so deficiencies are associated with poor muscle development expressed as white muscle disease and poor carcass confirmation in young stock.

### Zinc

Zinc is an important component in enzymes systems, reproduction and rumen function. The existence of Zinc is increasingly being associated with hoof health and resistance to mastitis.

## Sheep High Energy Block

With added energy and protein from soybean meal and vegetable fat, Sheep High Energy Blocks are a useful complement to roughage whenever sheep need a lift. Use 2-3 weeks prior to tupping to aid flushing – especially with thin and older ewes that need help. Ideal to supplement the diet of pregnant and lactating ewes around lambing time when it can be difficult to supplement diets with grain or pellets because of mis-mothering. Ewes are less likely to get twin lamb disease, will milk better and produce more vigorous, healthier lambs. Can be offered to lambs before and after weaning to help the transition to grazing.

**Easy to use and no wastage, Winslow Blocks are available in 50kg tubs.**

## Sheep Protein Block

Low protein roughage such as straw, hay and mature grazing may not supply sufficient protein for good rumen function and animal performance. Enriched with additional nitrogen which rumen microbes use to make protein, Sheep Protein Blocks can improve the utilisation and intake of such feeds and improve animal performance. Ideal for use in the winter or during drought periods when high protein green forage supplies are limited.

## Sheep Molassed Mineral Block

A good general purpose mineral, trace element and vitamin supplement for all breeds and ages of sheep to balance forage grazing. There is no added copper so is safe for all breeds and housed sheep. Now contains elevated levels of iodine for sheep on brassicas.



**winslow**  
Feeds



Typical analysis	Sheep Mineral	Sheep High Energy	Sheep Protein *
Magnesium	5%	3%	2.5%
Phosphorus	3.5%	0.45%	-
Calcium	6%	2%	2%
Sodium	9%	4%	6%
Sugars (as Sucrose)	18%	20%	18%
Selenium	3 mg/kg	1.5 mg/kg	1.5 mg/kg
Manganese	500 mg/kg	250 mg/kg	250 mg/kg
Cobalt	20 mg/kg	10 mg/kg	2 mg/kg
Zinc	1000 mg/kg	500 mg/kg	500 mg/kg
Iodine	165 mg/kg	35 mg/kg	4 mg/kg
Iron	500 mg/kg	250 mg/kg	250 mg/kg
Copper	None added	None added	None added
Vitamin A	100,000 IU/kg	50,000 IU/kg	50,000 IU/kg
Vitamin D3	10,000 IU/kg	5,000 IU/kg	5,000 IU/kg
Vitamin E	200	100	100
ME	-	10.5 MJ/kg DM	7.5 MJ/kg DM
Crude protein	-	13%	22%
Protein from urea	N/A	N/A	11%
Average Intakes (per head/day)	15 – 30g	30 – 90g	30 – 90g

**FEEDING INSTRUCTIONS:**

Allow one block per 50 head of stock.  
 Provide enough blocks to prevent crowding and ensure shy feeders get their share. If block becomes dry, site near drinking water and douse regularly with water.  
 Intakes will vary according to the feeds available and requirements. See typical analysis above for expected average daily intakes.  
 Always provide unlimited drinking water. Always supply adequate supplies of roughage.  
**Ingredients:** Cane molasses, soya bean meal, minerals and vitamins. Also, vegetable fat in High Energy block.

\* made to order only, minimum quantities may apply.

