



## Hogg blend

### General feeding of lambs

High quality ingredients are needed for fast weight gains, taking lambs to finish in shorter times. For rapid weight gains, finishing diets must be palatable, high in energy and must contain adequate protein, minerals (especially calcium, since grains are low in calcium), and vitamins. Starch levels are high to ensure lambs put on finish and fat cover.

Hogg blend provides rapid growth leading to well finished lambs ideally suited to modern market conditions. Feed utilization is maximized resulting in optimum finish and fat cover. This highly palatable feed will encourage appetite in newly-introduced store lambs.

### Feeding rates & guides

Energy levels are high at 13.2 MJ/kg and protein levels are 17%. Minerals are balanced to help prevent urinary calculi (stones) in intensively fed lambs. Ammonium chloride is also added for this purpose. High quality ingredients are included and a high level of cereals ensures fast growth rates and maximum feed conversion efficiency. Hogg blend can be fed ad lib or restricted depending on the speed of finish required.

### Key components and reasons for inclusion

To achieve high performance and encourage a healthy gut, lambs should receive a diet that combines high starch sources for rapid gain with high energy fibrous ingredients helping to keep the rumen balanced. This can be achieved by feeding hogg blend as only high quality ingredients are included, such as barley, wheat, sugarbeet, distillers and soya. Poorer quality ingredients such as oatfeed and sunflower are not included as they would not be digested efficiently by the lambs, resulting in lower growth rates.

Diets need to be correctly supplemented with calcium and phosphorus; deficiencies can result in abnormal bone development. Magnesium also needs to be correct to ensure bone formation and development of the nervous system. Hogg blend is fully mineralized to avoid growth restrictions due to mineral shortages.

Vitamin A is needed to prevent eye problems and vitamin D works with calcium to support bone formation. Vitamin E is vital for all lambs, but particularly those under stress such as store lambs coming out of the market; it has an active role in fortification of the immune system.

### Disclaimer

Rations should be carefully balanced in terms of nutrient content. They should contain sufficient forage to maintain rumen function and be fortified with an appropriate vitamin and mineral supplement on farms where this is needed. Animals must have constant access to clean water. Suggested feeding rates are produced as a guide only and many other factors may have an overriding effect on animal response; no performance guarantee can be given. Raw material ingredients are consistent for this product.





## Ingredients

Typical Ingredients	Metabolizable Energy	Crude protein	Benefits / Reason for use
Primestock pencils	13.0	16.0	Good quality pencil which is readily digested.
Sugarbeet	12.5	11.0	Can stimulate intakes of other feeds, increasing dry matter intake and subsequent growth rate. Allows energy intakes to be increased without increasing the risk of acidosis associated with cereal feeding. Assists in maintaining an optimum rumen pH, kind to the rumen.
Protein pellet (HiPro soya, distillers & rapeseed meal)	14.0	37.0	Hipro soya is high in protein, particularly bypass sources, with a good amino acid profile. 95% of the nitrogen is true protein, making it ideal for all livestock. Hipro soya is also high in energy and is extremely palatable. Intakes of other feeds can be stimulated. Distillers are a good source of both energy and protein. They can stimulate rumen activity, encourages fibre digestion and feed efficiency. Rapeseed meal is an excellent source of rumen protein. Allows the animal to maximize live weight gain. Provides the building blocks to drive lean tissue gain.
Wheatfeed	11.7	18.0	Starch, fibre and protein provide the building blocks tissue growth.
Barley	13.2	12.3	High in energy, good energy source for live weight gain. High in starch of which 10% is digested after the rumen.
Barley distillers	13.8	34.0	Intakes of other feeds can be stimulated. Good sources of energy and protein. Can stimulate rumen activity, encourages fibre digestion and feed efficiency. Allows energy intakes to be increased without increasing the risk of acidosis associated with high starch feeds.
Molasses	11.3	20.0	High in sugar making it very palatable.
Vitamins & minerals			Well balanced minerals supplement to support growth and finish.
Ammonium chloride			An aid to help prevent urinary calculi in finishing lambs.
<b>Element</b>			<b>Reason for inclusion</b>
Vitamin A	Needed for the stimulation of growth, including bone malformation and essential for eye function.		
Vitamin D <sub>3</sub>	Essential for bone formation and hence growth, involved with calcium and phosphorous absorption.		
Vitamin E	Antioxidant working closely with Selenium to promote a healthy immune system.		
Selenium	An antioxidant plays a vital role in immunity. Benefits reproduction and growth. Protects muscles from degeneration. Helps to prevent retained placentas.		
Magnesium	Essential for growth, repair of body tissue and bone development. Needed for enzymes, muscle and nerve function.		
Phosphorous	One of the most important elements being involved with energy production, bone and teeth formation and appetite.		

