



## Youngstock blend

### General feeding young cattle & lambs

Rearing lambs and young cattle is an important job as the young animal is the future of your farm. Well reared, healthy calves and lambs will produce fast growing stock and healthy adult animals. Youngstock blend is highly palatable and is formulated to maximize intake of top quality ingredients, optimizing performance at this most critical time. Our approach to feeding youngstock is to encourage the development of a strong immune system which promotes health at a time in the animal's life when it is most vulnerable. We aim to promote effective rumen development so that animals can go on to maximize their genetic potential. The ultimate starter diet designed to produce exceptional sheep & cattle.

### Feeding rates & guides

Youngstock blend is suitable for feeding ad-lib. This blend promotes early rumen development leading to high growth rates and earlier weaning of healthy stock.

### Key components and reasons for inclusion

Only high quality ingredients are included, such as micronized flakes, hi-pro soya, sugarbeet and rolled barley. Poorer quality ingredients such as oat feed, sunflower etc are not included; as young animals are not able to utilize these materials as efficiently.

Youngstock blend contains specific levels of vitamin A and D and is also fortified with vitamin E which is particularly important for the immune system of the animal. Selenium is also needed for optimal functioning of the immune system and our blend contains good levels of selenium.

Both crude protein (17%) and metabolizable energy (13.2 MJ/kg DM) are high, providing the young calves & lambs with the best opportunity for successful lifetime production.

### Disclaimer

Rations should be carefully balanced in terms of nutrient content. They should contain sufficient forage to develop rumen function. 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. Ingredients are generally as in the table, but are subject to change.





## Ingredients

| Typical Ingredients                                     | Metabolizable Energy   | Crude protein | Benefits / Reason for use  |
|---|--|---------------|--|
| 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. |
| Mixed flakes (maize & peas)                             | 12.2   | 12.5          | Readily digested form of energy for young lambs.   |
| Sugarbeet   | 12.5   | 11.0          | Can stimulate intakes of less palatable feeds. Assists in maintaining an optimum rumen pH, kind to the developing rumen.   |
| Primestock pencils                                      | 13.0   | 16.0          | Good quality pencil which is readily digested.   |
| Wheatfeed   | 11.7   | 18.0          | Good source of starch for lamb growth. Starch, fibre and protein provide the building blocks for liveweight gain.  |
| Barley  | 13.2   | 12.3          | High in energy. High in starch of which 10% is digested after the rumen.   |
| Molasses  | 11.3   | 20.0          | High in sugar making it very palatable.  |
| Vitamins & minerals                                     |  |               | Well balanced mineral supplement.  |
| <b>Element</b>  | <b>Reason for inclusion</b>  |               |  |
| Vitamin A   | Essential for eye function and beneficial to reproduction / fertility.   |               |  |
| 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 in preventing formation of peroxides. Peroxides damage cells. Essential for fertility and for pregnant animals to pass onto young lambs. |               |  |
| Selenium  | An antioxidant plays a vital role in immunity. Benefits reproduction and growth. Protects muscles from degeneration.   |               |  |
| Magnesium   | Essential for growth, repair of body tissue & 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, growth, appetite and reproduction.   |               |  |

