



TURBO-PRO[®]

Finishing Prime Lambs and Steers using TURBO-PRO[®] Plus Cereal Grain

The advantages of supplementing sheep and cattle at pasture with cereal grain are well known to most graziers, particularly those in the grain growing belts of Victoria and NSW. These advantages include the high energy content of cereal grain and its acceptability/palatability to stock.

With the attractive market prices for finished prime lambs existing at present in Australia, it is important to provide the customer with the type of carcass they want i.e., the correct specification. Similarly with cattle there is a growing trend to feed for production. To meet specific market specifications out of season, it is important to have the correct supplement with the right balance of nutrients.

While grain is a valuable energy source, it tends to lack quality protein i.e. by-pass protein. **Turbo-Pro[®]** a balanced protein and mineral supplement containing both high quality by-pass protein and urea, is an excellent product for mixing with cereal grains to provide a balanced palatable production supplement.

The urea provides non-protein-nitrogen which ensures proper rumen function enabling the more efficient use of dry feed and the digestion of short green feed. Additional vitamins and trace elements will assist in correcting any deficiencies that may occur from animals grazing deficient pastures.

MIXING RATE

Two mixing rates are recommended, depending upon production requirements:

2 x 25kg bags of **Turbo-Pro[®]** in 950kg of grain

4 x 25kg bags of **Turbo-Pro[®]** in 900kg of grain

The first mixing rate would be recommended for supplementing lactating ewes or weaner sheep while the second rate would be valuable for finishing off prime lambs or steers.



When added at the recommended rate the **Turbo-Pro**[®] will increase the overall protein content of the grain mix by 2% and 4% respectively.

Turbo-Pro[®] can be safely fed to stock straight from the bag, therefore no special mixing equipment is required. The **Turbo-Pro**[®] can be trickled into the grain while auguring is in progress, or added as the grain is being tipped into the self-feeder.

LNT recommends that about 1% lime be added to the grain to correct any calcium deficiencies.

It is important when feeding out any grain that stock be introduced to it gradually to avoid the risk of grain poisoning. If using a self-feeder, restrict access to the grain by locking down the feeder slides and only allowing limited grain supplementation for the first few days. Ensure adequate roughage is available. These can then be gradually opened up over the next week to allow the required amount of supplement to be eaten.

Added assistance in preventing grain poisoning can be achieved by incorporating Bi-Carb Soda or Sodium Bentonite at recommended rates.

Turbo-Pro [®] Analysis			
Urea	7.2 %	Iron	98.5 mg/kg
Min Calcium	9.2 g/kg	Copper	25 mg/kg
Min Phosphorus	5.6 g/kg	Manganese	49.8 mg/kg
Min Total Crude Protein	40 %	Zinc	66 mg/kg
Sulfur	4 g/kg	Vitamin A	20,000 IU/kg
Maximum Salt	0.8 %	Vitamin D3	2000 IU/kg
Maximum Crude Fibre	10.0 %	Vitamin E	100 mg/kg
Cobalt	0.3 mg/kg		

Potential Profits with Turbo-Pro[®]

Properly finished lambs that meet market specifications will generally realise a better price in the market place than off-specification, unfinished lambs. An effective, strategic supplementary feeding program based on **Turbo-Pro**[®] and cereal grain could make the difference.

Other Uses:

- ◆ Drought feeding
- ◆ Growing out weaners
- ◆ Finishing off prime stock i.e. lambs/steers
- ◆ Can be fed in troughs as well as self feeders.

Livestock Nutrition Technologies

ABN 50 060 272 068
381 Woolcock Street
GARbutt, Townsville Q 4814
Web: www.LNT.net.au

Phone: 07 4779 2401
Fax: 07 4725 1443
Toll Free: 1800 811 613



Innovators in Nutrition
Schering-Plough