



**Feed Systems**

## GRANULAR LOOSE LICK DRY FEED LICK

Livestock grazing dry standing feeds and crop residues are often deficient in the essential vitamins and minerals required to optimize growth, performance, reproduction and maintenance.

BFS GLL Plus Urea is a balanced formulation of essential minerals, trace elements, vitamins and non-protein nitrogen (NPN) that provides the animals with the daily levels required to maintain health and maximise productivity. The product provides the animal with a specific non-protein nitrogen source (urea) to help improve forage utilization.

BFS GLL Plus Urea is a waterproofed, loose lick for all weather use and is presented in a consistent granular form that is molassed to optimize intake.

### Why do livestock on dry feed benefit from urea?

When livestock only have access to dry feed with low protein, urea is fed to stimulate microbial activity in the rumen, increasing feed intake. The micro flora convert urea to ammonia which can then be used to synthesise protein for the use in the body.

### Why supplement grazing livestock?

Vitamin and mineral supplementation can correct subclinical cases of nutritional deficiency, which can have a greater economic impact than clinical cases of deficiency. Supplementation benefits immune function, reproduction rates, rumen function, feed conversion efficiency, average daily gain and therefore improve production.

### What is the best way to safely introduce BFS GLL Plus Urea?

Livestock should be introduced to BFS GLL Dry Feed mix gradually as this product contains urea and may be toxic at excessive levels. Care must be taken when used in conjunction with other trace materials.

### Why use a granular loose lick?

Animals have greater access due to increased surface area with the loose lick ensuring that every animal can easily access the supplement. It is also easier to consume as there is no licking a hard block and animals do not forfeit vital grazing time.

### What happens if BFS granular loose lick gets wet?

All of the products in the BFS range are protected with a weather proofing agent, so water will run off and not dissolve the product, provided the feed points are well drained. As this product contains urea, it is important that these recommendations are adhered to. If this cannot be done, then best practice would be to provide shelter over the feed points or withdraw the product during prolonged wet period.

### What type of feed points should be used?

Dedicated dry lick troughs that are available from Boyd Metal Works can be used and recommended, however any well anchored feed points can be used. A practical and low-cost option would be to use the top or bottom third of a 205 litre drum.

### How many feed points are required?

Allow one feed point per 25 head of cattle and for every 50 head of sheep. Place feed points away from water sources but in positions frequented by the animals.

### Can anything else be added?

Approved ionophores such as Monensin or Lasalocid sodium (Bovatec®) and sources of organic zinc (Zinmet®) can be included into the products upon request. Custom blending to meet specific vitamin and mineral requirements can be arranged.

### Can BFS GLL Plus Urea be fed to any other animals?

NO, feeding this product to horses, other equines or dogs may be fatal as it contains urea. This product is purposely designed for feeding to sheep and cattle only.

### GRANULAR LOOSE LICK

Nutritional Analysis  
DM Basis

Vitamin A	MIU	0.250
Vitamin D	MIU	0.050
Vitamin E	G/Kg	0.750
Cobalt	G/Kg	0.06
Iodine	G/Kg	0.02
Selenium	G/Kg	0.0075
Potassium	%	0.15
Iron	G/Kg	3.5
Magnesium	%	3
Manganese	G/Kg	3
Sulphur	%	1.2
Zinc	G/Kg	2.5
Salt	%	33
Phosphorus	%	2.1
Calcium	%	17.5
Protein	%	27
Urea	%	8.5

### PACK SIZE

20kg bag.

### RATE OF USE

Sheep: 10-30 grams/head/day  
Cattle: 40-100 grams/head/day

### DIRECTION

Offer ad lib in well drained feed points.  
Store product in a cool, dry place.