

# BIG HEAD

Nutritional Secondary Hyperparathyroidism is commonly known as “Big Head” or “Bran Disease” and it occurs when there is a calcium imbalance within the horses’ diet. Big Head condition can occur in horses when they are:

1. Grazing tropical and sub-tropical grasses that contain high concentrations of oxalates.
2. Fed high phosphorous containing diets such as high grain, pollard or bran.

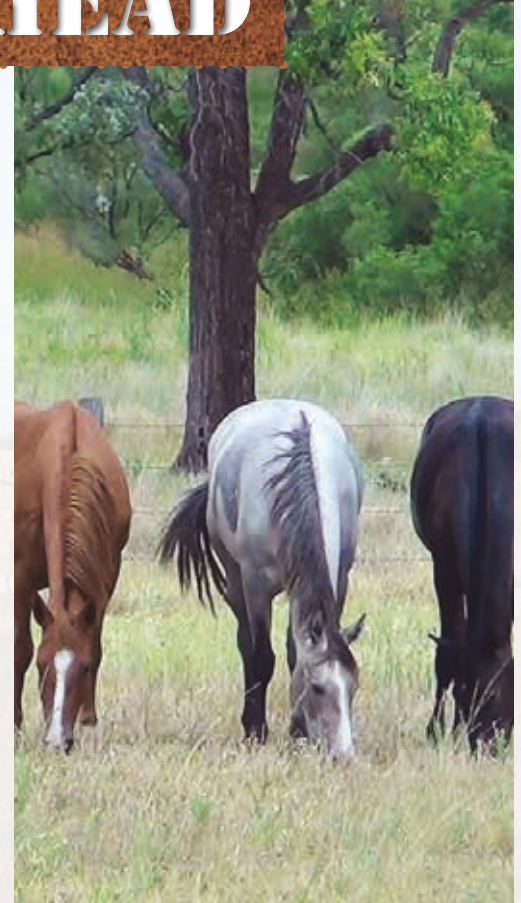
Restoring the correct balance of calcium and phosphorous within the horse’s blood stream is imperative in the treatment and prevention of big head. A calcium supplement with added Vitamin D to promote calcium absorption such as Hyfeed Big Head Pellets or Big Head Lick should be used to rectify the calcium:phosphorous ratio (2:1-3:1) and overcome calcium deficiencies.

### **Suitable for:**

All equines grazing on affected pastures or receiving pollard or bran based diets, broodmares & young horses.

### **Benefits for your equine athlete:**

- *Balanced calcium to phosphorous ratio*
- *Added Vitamin D to promote calcium absorption*
- *Superior supplement for developing bones*
- *Easy to feed pellet – no mixing required*



Ahern Horses

## Daily Feeding Rates Big Head Pellets (kg/day)

### FEEDING DIRECTIONS

If "Big Head" is suspected consult a Veterinary Surgeon for Treatment Advice

500g-1kg per head per day

## NUTRITIONAL ANALYSIS BIG HEAD PELLETS

### TYPICAL ANALYSIS PER KG

Total Protein	Min 13%
Crude Fat	Min 3.5%
Salt	Max 1.5%
Digestible Energy	11.6 MJ/Kg
Crude Fibre	Min 6%
Calcium	Min 42 g/Kg
Phosphorus	Min 12 g/Kg
Magnesium	Min 12 g/Kg
Sodium	Min 5 g/Kg
Potassium	Min 4 g/Kg
Chloride	Min 8 g/Kg
Sulphur	Min 2 g/Kg
Iodine	Min 3.5 mg/Kg
Iron	Min 156 mg/Kg
Manganese	Min 146 mg/Kg
Cobalt	Min 2.5 mg/Kg
Copper	Min 34.5 mg/Kg
Zinc	Min 127 mg/Kg
Selenium	Min 0.39 mg/Kg
Vitamin A	Min 19500 IU/Kg
Vitamin D	Min 1950 IU/Kg
Vitamin E	Min 43 IU/Kg
Vitamin K3	Min 1.95 mg/Kg
Vitamin B1	Min 3.9 mg/Kg
Vitamin B2	Min 7.8 mg/Kg
Vitamin B6	Min 3.9 mg/Kg
Vitamin B12	Min 0.02 mg/Kg
Niacin	Min 39 mg/Kg
Biotin	Min 0.2 mg/Kg
D-Calcium Pantothenate	Min 9.75 mg/Kg
Folic Acid	Min 1.95 mg/Kg

**Hyfeed Big Head Pellets is a blend of the following quality ingredients:**

Barley, Hyfeed Big Head Vitamin & Mineral Premix, Soy Hulls, Mould Inhibitor.

\*Base raw ingredients may gradually change due to season variations.

## Daily Feeding Rates Big Head Lick (g/day)

### FEEDING DIRECTIONS

If "Big Head" is suspected consult a Veterinary Surgeon for Treatment Advice

200 grams per head per day

## NUTRITIONAL ANALYSIS BIG HEAD LICK

### TYPICAL ANALYSIS PER KG

Total Protein	Min 9.5%
Crude Fat	Min 2.5%
Salt	Max 21%
Digestible Energy	2.5 MJ/Kg
Crude Fibre	Min 6%
Calcium	Min 100 g/Kg
Phosphorus	Min 47 g/Kg
Magnesium	Min 7.5 g/Kg
Sodium	Min 69 g/Kg
Potassium	Min 7 g/Kg
Chloride	Min 128 g/Kg
Sulphur	Min 6 g/Kg
Iodine	Min 3 mg/Kg
Iron	Min 198 mg/Kg
Manganese	Min 187 mg/Kg
Cobalt	Min 2.5 mg/Kg
Copper	Min 26 mg/Kg
Zinc	Min 169 mg/Kg
Selenium	Min 0.46 mg/Kg
Vitamin A	Min 30000 IU/Kg
Vitamin D	Min 3000 IU/Kg
Vitamin E	Min 60 IU/Kg
Vitamin K3	Min 3 mg/Kg
Vitamin B1	Min 6 mg/Kg
Vitamin B2	Min 12 mg/Kg
Vitamin B6	Min 6 mg/Kg
Vitamin B12	Min 0.03 mg/Kg
Niacin	Min 60 mg/Kg
Biotin	Min 0.3 mg/Kg
D-Calcium Pantothenate	Min 15 mg/Kg
Folic Acid	Min 3 mg/Kg

**Hyfeed Big Head Lick is a blend of the following quality ingredients:**

Di-Calcium Phosphate, Copra Meal, Limestone, Salt, Soy Hulls, Molasses, Magnesium Sulphate, Vitamin & Mineral Premix.

\*Base raw ingredients may gradually change due to season variations.