



SEAWEED MEAL FOR ANIMALS

WHAT IS IRONCLAD GOODNESS PREMIUM GRADE KELP MEAL?

Ironclad Goodness Premium Grade Kelp Meal is a general purpose kelp supplement, high in vitamins and minerals and recommended by farmers, stock breeders and equestrians.

Studies carried out on the use of seaweed as part of the food ration in livestock have established that it provided significant benefit to animal health by the provision of minerals, vitamins, alginate and osmoregulatory compounds called betaines, that enhance beneficial gut bacteria so that food nutrients are really absorbed and better utilized.

In Ironclad Goodness Premium Grade Kelp Meal, the vitamins and minerals occur as complex substances, naturally chelated and easily absorbed into the animal's systemic system without reaction with one another.

Ironclad Goodness Premium Grade Kelp Meal can be included in dry feed at relative low levels (20kg per tonne) to increase the production efficiency by improved utilisation of feed consumed due primarily to betaine activity, enhancing beneficial gut bacteria to maximise food conversion and nutrient absorption.

BENEFITS

- ✓ Increased general health, with resistance to parasites and diseases
- ✓ Improved reproduction efficiency
- ✓ Enhanced gloss of coat and bloom of skin
- ✓ Improved finishing times
- ✓ Reduction in scouring and dehydration
- ✓ Increased meat and milk production
- ✓ Reduced incidence of body weight loss
- ✓ Improves stress tolerance and hydration in extreme heat

HOW IS IT USED?

Young Animals	mixing ration 1% of feed or 5-10grams per day
Stallions	40 grams per day working –15 grams per day spelled
Foals	25 grams per day weaned to maturity
Brood Mares	40 grams per day during pregnancy –25 grams per day when dry
Show Horses	40 grams per day working –30 grams per day at rest
Beef Cattle	Up to 60 grams per day
Calves	5-10 grams per day
Sheep/Goats	3-5 grams per day
Pigs	5-10 grams per day
Dairy Cattle in Milk	20g per day or 10-25kg in one ton of dry feed.
Poultry	1% of food ration

TYPICAL ANALYSIS

MINERALS		VITAMINS	
Copper	7 mg/kg	Riboflavin	2.8 mg/kg
Cobalt	14 mg/kg	Niacin	24.0 mg/kg
Zinc	35 mg/kg	Choline	295 mg/kg
Iodine	0.5 g/kg	Carotene	48 mg/kg
Iron	0.10 g/kg	Pantonene	10 g/kg
Phosphorus	1.8 g/kg	Vitamin A	175 I.U/kg
Potassium	15.0 g/kg	Vitamin B	250 µg/kg
Magnesium	14.0 g/kg	Vitamin E	7.4 g/kg
Calcium	14.8 g/kg		
OTHER			
Alginates	700 g/kg	Crude Fat	26 g/kg
Crude Protein	50 g/kg	Crude Fibre	70 g/kg