

**HYGAIN**<sup>®</sup>  
FEEDING CHAMPIONS SINCE 1983

## Feeding Guide

HYGAIN<sup>®</sup> POWATORQUE<sup>®</sup> combines the advantages and convenience of a premixed feed with conventional home mixing ensuring that all micro nutrients are met in a 2kg dose whilst providing the flexibility to manage cereal grain intake.

HYGAIN<sup>®</sup> POWATORQUE<sup>®</sup> is suitable for performance horses in pre-training, training and competition and has been formulated to be fed in conjunction with cereal grains such as oats, HYGAIN<sup>®</sup> MICRMAIZE<sup>®</sup>, HYGAIN<sup>®</sup> MICRBARLEY<sup>®</sup> and/or HYGAIN<sup>®</sup> MICRLUPINS<sup>®</sup>.

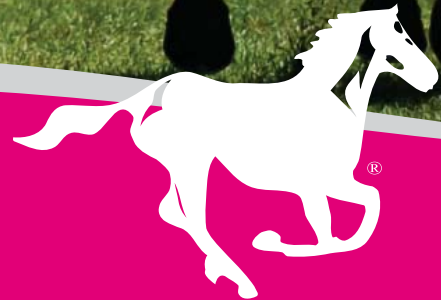
HYGAIN<sup>®</sup> POWATORQUE<sup>®</sup> should be introduced to your horse's diet gradually. Feeding amount may be influenced by age, breed, exercise intensity, desired body condition and climate.

Horses in training and receiving regular exercise on average will require 2kg of HYGAIN<sup>®</sup> POWATORQUE<sup>®</sup> together with 4-7kg of grain and a minimum of 1% of body weight as fibre such as quality hay and/or chaff. Care should be taken to match feed intake to workload. Reduce feed intake on rest days. If horses gain weight and/or training regime is interrupted reduce the amount of cereal grain in the diet and continue feeding HYGAIN<sup>®</sup> POWATORQUE<sup>®</sup> at the desired level.

During periods of heavy sweat loss additional supplementation with an electrolyte such as HYGAIN<sup>®</sup> REGAIN<sup>®</sup> is recommended.

### Feeding Tips:

1. Introduce HYGAIN<sup>®</sup> POWATORQUE<sup>®</sup> to your horse's diet gradually over a 7-14 day period.
2. Feed by weight and not by volume.
3. Feed a minimum of 1% of your horse's body weight daily as roughage.
4. Horses have a small stomach, so feed little and often.
5. Ensure horses have access to clean water.
6. Do not add additional vitamins or minerals unless directed by a veterinarian or nutritionist.
7. For dietary recommendations and nutritional solutions contact HYGAIN<sup>®</sup>.



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# Powatorque®

## For a balanced performance diet

HYGAIN® POWATORQUE® is a micronized sweet feed concentrate formulated as the corner stone of a balanced diet for equine athletes. Providing a readily digestible energy source, muscle building protein, anti-oxidants, vitamins, minerals and the nutrients for healthy gut function and immune system defences essential for optimum performance.

### Product Features

- ✓ Micronized Sweet Feed Concentrate
- ✓ Natural Vitamin E
- ✓ Bio-Available Selenium
- ✓ Bio-Available Chromium
- ✓ Bio-Mos®
- ✓ Yea Sacc®1026 Live Yeast Culture
- ✓ Amino Acid Enriched
- ✓ HYGAIN® RBO® Equine Performance Oil®



### Analysis as fed

Crude Protein.....	17%	Phosphorous.....	0.6%
Crude Fat.....	10%	Lysine.....	11 g/kg
Max Crude Fibre.....	10%	Vitamin E.....	1000 IU/kg
Added Salt.....	1.5%	Selenium.....	1.5 mg/kg
Calcium.....	1.5%		

### Ingredients

HYGAIN® POWATORQUE® is a blend of the following quality ingredients: MICRMAIZE®, MICRLUPINS®, Sunflower Seeds, HYGAIN® RBO® Equine Performance Oil® (Rice Bran Oil including Omega 3, 6 & 9 Essential Fatty Acids and Natural Anti-Oxidants), Natural Vitamin E, Calcium Carbonate, Di-Calcium Phosphate, Potassium Chloride, Magnesium Oxide, Salt, Molasses, Yea Sacc®1026 (APVMA App. No. 40538), Bio-Mos®, Bio-Available Selenium, Bio-Available Chromium, Lysine, Methionine, Biotin and HYGAIN® Vitamin and Chelated Mineral Premix.

### 1kg of HYGAIN® POWATORQUE® provides the following levels of nutrients (as fed)

Lysine.....	11 g	Iron.....	310 mg	Vitamin A.....	25300 IU	Niacin.....	94 mg
Methionine.....	1.45 g	Zinc.....	330 mg	Vitamin B1.....	20 mg	Pantothenic Acid.....	40 mg
Calcium.....	15 g	Manganese.....	284 mg	Vitamin B2.....	28 mg	Folic Acid.....	25 mg
Phosphorous.....	6 g	Copper.....	118 mg	Vitamin B6.....	11 mg	Biotin.....	2500 ug
Magnesium.....	10 g	Iodine.....	2.8 mg	Vitamin B12.....	88 ug	Choline.....	580 mg
Sodium.....	5 g	Cobalt.....	0.8 mg	Vitamin D3.....	2625 IU	Bio-Mos®.....	5000 mg
Potassium.....	15 g	Selenium.....	1.5 mg	Vitamin E.....	1000 IU	Yea Sacc®1026.....	5000 mg
Chloride.....	15 g	Chromium.....	2.5 mg	Vitamin K.....	14 mg		

### Special Ingredients

**Natural Vitamin E** - This unique and highly stable form of Natural Vitamin E known as RRR- $\alpha$ -tocopherol is up to 5 times more bio available and potent than regular synthetic sources of Vitamin E. Research has shown that this form of Natural Vitamin E provides higher retention levels in plasma further aiding antioxidant, immune, cardiovascular, circulatory and neuromuscular functions.

**Bio-Available Selenium** - Selenium acts as an antioxidant to prevent fatty acid oxidation which can cause tissue damage. Research has shown that Sel-Plex®, an organic form of selenium, is more readily absorbed and retained than selenium in inorganic forms.

**Bio-Mos®** - Bio-Mos® is a unique form of Mannan Oligosaccharides derived from the outer cell wall of a select strain of yeast using a proprietary process developed by Alltech. Bio-Mos® has a defined mode of action and is incorporated in HYGAIN® POWATORQUE® to maintain a healthy gut and immune system and support natural defences essential for optimum performance. An undernourished or unstable digestive tract can lead to poor digestion, colic, depressed defence systems and a reduction in performance. For more detailed information on Bio-Mos® contact HYGAIN®.

**Bio-Available Chromium** - The addition of chromium to performance horse diets has been shown to reduce the build up of lactic acid at the end of strenuous exercise or the closing stages of a race, and to increase the horse's ability to store glucose.

**Yea Sacc®1026** - Yea Sacc®1026 is a live yeast culture derived from the specific yeast strain *Saccharomyces cerevisiae* 1026. The addition of Yea Sacc®1026 to equine diets improves fibre, phosphorus and calcium digestibility and increases gross energy, total lipid and amino acid absorption.

**HYGAIN® RBO® Equine Performance Oil®** - HYGAIN® RBO® Equine Performance Oil® is a blend of rice bran oil, omega essential 3,6 & 9 fatty acids and natural anti-oxidants known to improve the health and structural integrity of cell membranes. HYGAIN® RBO® oil plays an important role in maximising energy efficiency due to its energy dense nature and is digested efficiently in the small intestine reducing the 'sugar high' associated with high grain diets. HYGAIN® RBO® promotes growth and development of the muscular system, top line and a healthy skin and coat.

**Biotin** - Biotin, a water soluble vitamin is required by the enzymes responsible for protein synthesis and as a result is an essential vitamin for the healthy growth of hair and hooves. Research has shown that biotin improves skin and coat condition, increases hoof integrity and is widely recommended by farriers and veterinarians.