



**HYGAIN**  
FEEDING CHAMPIONS SINCE 1983

## Feeding Guide

HYGAIN® RACETORQUE® has been formulated to meet the nutritional requirements of young performance horses in training and competition.

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

HYGAIN® RACETORQUE® is a highly palatable, digestible energy source. 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.

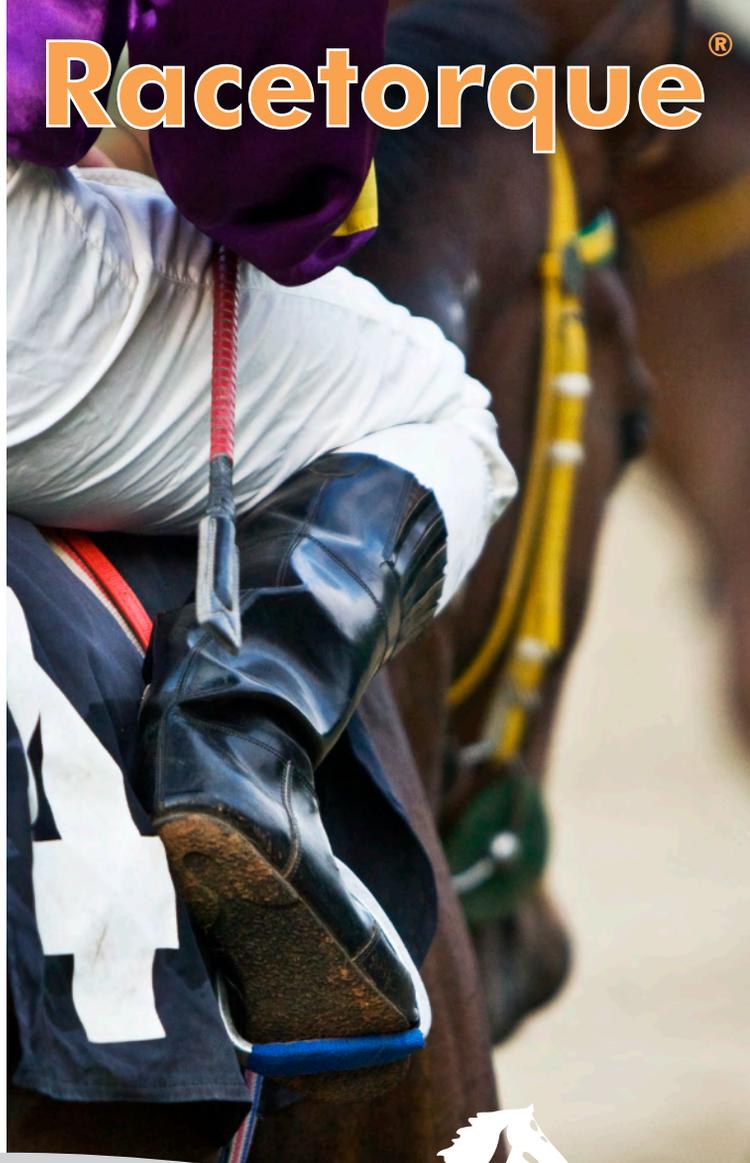
Horses in full work will on average require 5-7kg of HYGAIN® RACETORQUE® per day together with 3-5 kg of quality roughage such as chaff and/or hay.

HYGAIN® RACETORQUE® is a balanced feed and as such the addition of other grains and supplements only serves to dilute the nutritional integrity of the feed.

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

### Feeding Tips:

1. Introduce HYGAIN® RACETORQUE® 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®.



# Racetorque®



Hy Gain Feeds Pty Ltd  
10 Hickson Rd, Officer, Victoria, Australia 3809  
Phone: +61 3 5943 2255 Fax: +61 3 5943 2258

Email: [sales@hygain.com.au](mailto:sales@hygain.com.au)

Website: [www.hygain.com.au](http://www.hygain.com.au)

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# Racetorque®

## High in energy for young horses in training and competition

HYGAIN® RACETORQUE® is a high energy, protein rich micronized sweet feed. Formulated to provide a nutritionally balanced diet to maximise the development, condition and performance of young horses in training and competition.

### Product Features

- ✓ Micronized Sweet Feed
- ✓ Bio-Mos®
- ✓ Natural Vitamin E
- ✓ Bio-Available Silicon - Strong Bones
- ✓ Bio-Available Selenium
- ✓ Bio-Available Chromium
- ✓ Yea Sacc®1026 Live Yeast Culture
- ✓ HYGAIN® RBO® Equine Performance Oil®

### Analysis as fed

Crude Protein.....	14%	Min. Phosphorous .....	0.6%
Crude Fat .....	8%	Lysine .....	10 g/kg
Max Crude Fibre .....	10%	Vitamin E .....	420 IU/kg
Added Salt.....	1.25%	Selenium .....	0.65 mg/kg
Calcium .....	1.0%		

### Ingredients

HYGAIN® RACETORQUE® is a blend of the following quality ingredients: Cooked and Flaked Oats, MICRBARLEY®, MICRLUPINS®, MICRBEANS®, MICRMAIZE®, Sunflower Seeds, HYGAIN® RBO® Equine Performance Oil® (Rice Bran Oil including Omega essential fatty acids and Natural Anti-Oxidants), Natural Vitamin E, Molasses, Calcium Carbonate, Di-Calcium Phosphate, Potassium Chloride, Salt, Bio-Available Silicon, Yea Sacc®1026 (APVMA App. No. 40538), Bio-Mos®, Bio-Available Selenium, Bio-Available Chromium, Lysine, Methionine, Biotin and HYGAIN® Vitamin and Chelated Mineral

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

Lysine .....	10 g	Iron .....	200 mg	Vitamin A.....	10075 IU	Niacin .....	52 mg
Methionine .....	1.3 g	Zinc .....	148 mg	Vitamin B1 .....	10 mg	Pantothenic Acid.....	20 mg
Calcium .....	10 g	Manganese.....	142 mg	Vitamin B2.....	12 mg	Folic Acid .....	10 mg
Phosphorous.....	6 g	Copper.....	51 mg	Vitamin B6.....	5.4 mg	Biotin .....	1100 ug
Magnesium.....	3.5 g	Iodine.....	1.25 mg	Vitamin B12.....	35 ug	Choline .....	720 mg
Sodium.....	5.2 g	Cobalt.....	0.4 mg	Vitamin D3 .....	1050 IU	Bio-Mos®.....	2000 mg
Potassium .....	8 g	Selenium .....	0.65 mg	Vitamin E.....	420 IU	Yea Sacc®1026 .....	2000 mg
Chloride.....	10 g	Chromium .....	1 mg	Vitamin K.....	5.5 mg		

### Special Ingredients

**Bio-Available Silicon** - Research has shown that Bio-Available Silicon a digestible form of monosilic acid has a role in bone physiology and metabolism by increasing osteoblastic (bone building) activity and decreasing osteoclastic (bone demineralization) activity, promoting optimal skeletal growth, integrity and durability.

**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-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.

**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® RACETORQUE® to maintain a healthy gut and immune system and support natural defences essential for optimum performance.

**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.