



HYGAIN
FEEDING CHAMPIONS SINCE 1983

Special Ingredients

Natural Vitamin E - This unique and highly stable form of Natural Vitamin E known as RRR- α -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, neuromuscular and reproductive functions.

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[®] STUDDORQUE[®] to maintain a healthy gut and immune system function supporting natural defences essential for optimal fertility, gestation, lactation and musculoskeletal development.

HYGAIN[®] RBO[®] Equine Performance Oil[®] - HYGAIN[®] RBO[®] Equine Performance Oil[®] is a blend of rice bran oil, omega 3, 6 & 9 essential 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.

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 increases fibre, phosphorus and calcium digestibility in mares, and increases gross energy, total lipids and amino acid absorption. Improves milk availability to foals if administered for 3-4 weeks before and throughout the lactation period.

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.

Studdorque[®]



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

Website: www.hygain.com.au

© 2009 Hy Gain Feeds Pty Ltd

HYGAIN[®]
FEEDING CHAMPIONS SINCE 1983

Studtorque®

The breeders choice

A readily digestible micronized sweet feed, scientifically formulated to provide the necessary energy, quality protein and balanced levels of macro and micro nutrients to ensure health, fertility and optimum growth in stud horses and their progeny.

Product Features

- ✓ Micronized Sweet Feed
- ✓ Chelated Minerals for healthy bones
- ✓ Enriched in Amino Acid for muscle development
- ✓ Nutrients to Maximize Lactation
- ✓ Bio-Mos®
- ✓ Bio-Available Silicon
- ✓ Yea Sacc®¹⁰²⁶ Live Yeast Culture
- ✓ Natural Vitamin E
- ✓ HYGAIN® RBO® Equine Performance Oil®



Analysis as fed

Crude Protein.....	16%	Phosphorous.....	0.6%
Crude Fat.....	5%	Copper.....	53 mg/kg
Max Crude Fibre.....	10%	Zinc.....	150 mg/kg
Added Salt.....	1.25%	Vitamin E.....	350 IU/kg
Calcium.....	1.2%	Selenium.....	0.75 mg/kg

Ingredients

HYGAIN® STUDTORQUE® is a blend of the following quality ingredients: Cooked and Flaked Oats, MICRBARLEY®, MICRLUPINS®, MICRBEANS®, MICRMAIZE®, Soya Bean Meal, Vegetable Protein Meals, Lucerne Meal, HYGAIN® RBO® Equine Performance Oil® (Rice Bran Oil including Omega essential fatty acids and natural antioxidants), Natural Vitamin E, Molasses, Calcium Carbonate, Di-Calcium Phosphate, Salt, Bio-Available Silicon, Yea Sacc®¹⁰²⁶ (APVMA App. No. 40538), Bio-Mos®, Bio-Available Selenium, Lysine, Methionine, Biotin and HYGAIN® Vitamin and Chelated Mineral Premix.

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

Lysine.....	10 g	Iron.....	265 mg	Vitamin B1.....	10 mg	Pantothenic Acid.....	20 mg
Methionine.....	1.5 g	Zinc.....	150 mg	Vitamin B2.....	12.4 mg	Folic Acid.....	4 mg
Calcium.....	12 g	Manganese.....	145 mg	Vitamin B6.....	5 mg	Biotin.....	1100 ug
Phosphorous.....	6 g	Copper.....	53 mg	Vitamin B12.....	35 ug	Choline.....	1000 mg
Magnesium.....	5 g	Iodine.....	1.25 mg	Vitamin D3.....	1050 IU	Bio-Mos®.....	2000 mg
Sodium.....	5.8 g	Cobalt.....	0.4 mg	Vitamin E.....	350 IU	Yea Sacc® ¹⁰²⁶	2000 mg
Potassium.....	6 g	Selenium.....	0.75 mg	Vitamin K.....	5.5 mg		
Chloride.....	9 g	Vitamin A.....	11450 IU	Niacin.....	57 mg		

Feeding Guide

HYGAIN® STUDTORQUE® should be introduced to your horse's diet gradually. Feeding amount may be influenced by age, breed, gestation and lactation status, work load, desired body condition, pasture/hay quality and availability and climate. HYGAIN® STUDTORQUE® should be fed in conjunction with quality pasture, hay and or chaff.

Care should be taken to match feed intake to dietary requirements particularly for growing horses as excess energy may increase the incidence of developmental orthopaedic diseases. Should this occur, remove HYGAIN® STUDTORQUE® and any grain from the diet and change to a low starch feed such as HYGAIN® GROTORQUE® or HYGAIN® BALANCED® to maintain essential nutrient levels in the diet. Seek professional advice. Where pasture quality and availability is sufficient to maintain body condition, HYGAIN® recommends the use of HYGAIN® GROTORQUE® or HYGAIN® BALANCED® as a supplementary source of protein, minerals and vitamins.

Foals may be introduced to HYGAIN® STUDTORQUE® by 'creep feeding' from 2-3 weeks of age. HYGAIN® STUDTORQUE® contains the nutrients necessary to maximize milk quality and lactation duration, fertility, optimal growth and development of musculoskeletal system.

Feeding Rates Per Day*

STUDTORQUE®

Creep Feed.....	Up to 1% of Body Weight
Weanlings from 3-6 month.....	0.5 kg/month of age
Yearlings.....	3-5 kg
Dry Mares.....	1.5-3 kg
Early Pregnant Mares.....	2-4 kg
Late Pregnant Mares.....	3-5 kg
Lactating Mares.....	4-7 kg
Stallions at work.....	3-5 kg

*Intended as guide only, all variables should be taken into consideration

Feeding Tips:

1. Introduce HYGAIN® STUDTORQUE® 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®.