Benchmark Racing Fibre Pellets™

The latest weapon to manage digestive health in racehorses is our high-energy, fast acting super fibre pellet with Bio-az® Equine

Boosts energy intake while supporting healthy gut function.

- Rapidly digested, highly soluble super fibre pellet that increases the total energy in a ration by stimulating the production of Volatile Fatty Acids, (VFAs) a horse's natural energy supply.
- Working in sync with all grain-based feeds, Benchmark Racing Fibre Pellets™ provide more energy per kg than cereal chaff without increasing dietary sugar and starch.
- Contains Bio-az® Equine, the latest science in synbiotic pre, pro and post biotic protection. A full daily dose of Bio-az® Equine is included in 2kgs of Benchmark Racing Fibre Pellets™
- Contains high levels of proven antioxidants Alkosel 3000® and Melofeed® (SOD)

HOW TO INCLUDE BENCHMARK RACING FIBRE PELLETS™ IN A HIGH PERFORMANCE RATION

As part of the daily meal plan*

- Add 500gs to 1kg of Benchmark Racing Fibre Pellets to each feed, reducing white chaff (if fed).
- Benchmark Racing Fibre Pellets can be fed dry or if extra hydration is required, the pellet will wet down to a mash in about 60 seconds.
- Can be fed as a palatable mash to act as a carrier for supplements.
- Ideal for horses who are anxious, struggle with condition, or those that show symptoms of IBS or ulcers.

As part of a fast-work race day feeding strategy

- Feed 300-500gms dry pre work to help reduce acid splash.
- Leading into race day, rapidly digested Benchmark Racing Fibre Pellets™ can be fed as a partial alternative to hay to help manage gut ballast.

When travelling horses

- Feed as a mash prior to travel to help hydration and support healthy gut function.

Post worming

- Feed immediately after worming to help re-establish healthy gut function.

Introduce Racing Fibre Pellets gradually over 7-10 days.

Benchmark Racing Fibre Pellets™

High energy, fast-acting super-fibre pellet with Bio-az® Equine.

- Increases dietary energy by stimulating Volatile Fatty Acid (VFA) production.
- Contains Bio-az® Equine, the latest science in synbiotic, pre, pro and post-biotic protection.
- Compatible with all grain-based race feeds.
- Ideal for horses that struggle with condition or show symptoms of IBS or ulcers.
- Contains Alkosel® 3000 and Melofeed® (SOD) antioxidants.
- Replaces cereal chaff in the racing ration.
- Feed dry or as a hydrating mash if preferred.

Including highly fermentable super fibres in the racing ration makes perfect sense

Fibre should be fed at no less than 50% of the total daily feed ration - but there is a problem with traditional long stem fibre – while it is critical for horse health, it is relatively low in energy and digestibility.

In contrast, highly fermentable super fibres such as the soy hulls used in Benchmark Racing Fibre Pellets™ are complex carbohydrates that can be readily fermented by hindgut microbes. They contain high concentrations of readily degradable non-starch polysaccharides, a complex chain of sugars that are fermented in the hindgut (but not into lactic acid) and produce short-chain volatile fatty acids (VFA). VFA's are a horses natural energy supply, containing up to 3-times more energy than sugars.

By reducing white (cereal) chaff in a racing ration and replacing with Benchmark Racing Fibre Pellets™ VFA production can be stimulated, increasing the energy content of a ration without increasing starch and sugar levels.

Nutritional Analysis (as fed)

Energy DE	MJ/kg	10.1
Protein	%	11.3
Fat	%	4.3
Crude Fibre (CF)	%	31.4
Salt	%	2
Bio-az® Equine	mg/kg	520
Alkosel 3000®	mg/kg	25
Melofeed® (SOD)	mg/kg	12.5
Starch	%	1
Sugars (ESC)	%	4.3

Ingredients

Soybean hulls, cold pressed canola oil, salt, magnesium oxide, Benchmark's mineral premix,
Bio-az® Equine, Alkosel 3000®, Melofeed® (SOD)

*Benchmark Racing Fibre Pellets are an enhanced fibre source and don't replace a balanced complete feed. The Benchmark mineral premix is included to balance the fibre component of the raw materials. No vitamins or protein sources are added.

Bio-az® Equine - the latest scientific development in pre, pro and post-biotics for high-performing horses

While feeding correctly is critical to ensuring your horses are at their best on race day, if a horse's microbiome is out of balance, in other words, in dysbiosis, they will not be able to get the full benefit of the carefully selected and managed feeding program that trainers take so much care in preparing.

Crafted to restore balance to your horses' microbiome, **Bio-az® Equine** is a scientifically formulated synbiotic, patented blend of Bacillus Subtilis probiotics and postbiotics, organic sprouted yellow pea fibre, organic green banana resistant starch and inulin from chicory root. The all-natural, purposed ingredients in **Bio-az® Equine** are guaranteed superior quality food grade.

Bio-az® Equine's ingredients each have a valuable role to play, but when in our precise combination, the benefits for your horse are amplified. **Bio-az® Equine** captures nature's intelligence.

Bio-az® Equine is a powerful micro-blend of billions of beneficial probiotics, postbiotics and prebiotics, that support all the beneficial gut flora, giving your horse a balance for wellness.

A horse's microbiome is its first line of defence and the key to health and vitality. When a horse is suffering from dysbiosis, it is vulnerable to health challenges that may impact race-day performance.

Signs of dysbiosis

- Dull-looking coat and itching
- Increased anxiety, and behaviour issues
- Increased levels of acid
- Acute or chronic loose stools
- Loss of appetite and poor nutrient absorption
- Challenged immune system

The Bacillus subtilis strains in Bio-az® Equine produce menaquinone-7 (Vitamin K2-MK7).
This naturally produced form of Vit K2 acts as a cofactor to activate γ-carboxylation of osteocalcin. MK-7 ha s shown the highest bioavailability and the most significant effect on OC carboxylation in humans and animals compared to K1 or K2-MK-4.

Osteocalcin is a biomarker for healthy bone metabolism and plays an important role in the prevention of osteoporosis, by facilitating the transportation of calcium to improve bone density.