



AGRITON
PowerGrain

Unique concentrated blend of
beneficial enzymes for preserving
and enhancing grains



PowerGrain® is a unique concentrated blend of beneficial enzymes for preserving and treating grains fed to ruminants. PowerGrain® contains Enzymes that, once mixed, react to create a Protein and pH increase in stored grains. PowerGrain® typically causes a 30-40% increase in Protein and a 2-3 point jump in pH.

The Protein created is rumen available, and, combined with the pH increase allows the rumen microbes to digest a higher starch diet without the usual side effects. This increase in rumen efficiency leads to increased feed efficiency and therefore greater returns.

PowerGrain® needs to be mixed with moist grains, 16-20% moisture, allowing for greater flexibility at harvest and eliminating expensive drying costs or unnecessary handling. The ability to increase home grown Protein reduces reliance on expensive and environmentally damaging alternatives.

Benefits

Agriton | PowerGrain®

- **Preserves feeds**
- **Increased Protein**
- **Increased pH**
- **Rumen friendly**
- **Lower costs**

PowerGrain® allows farmers to feed high quality grains in large quantities all year round, safely. The quality coming from the increase in rumen degradable protein and the quantity thanks to an increase in pH; reducing the risk of Acidosis typically associated with high starch feeds.

A g r i t o n , r e s t o r i n g n a t u r e ' s b a l a n c e



"We used PowerGrain® to treat our Barley last year and will be again this year. It's kept well and fed even better than expected. We feed it ad-lib with a bale of haylage and achieve 1.45kg DLWG"

*Mr Hitchin,
Beef Farmer
Shrewsbury*

Independant Analysis Carried out Eurofins

Analysis	Untreated	PowerGrain®
Ash	28.00 g/kg dm	23.00 g/kg dm
Crude Fat	18.00 g/kg	11.00 g/kg
Crude Fibre	58.00 g/kg dm	58.00 g/kg dm
Crude Fibre	48.00 g/kg	47.00 g/kg
Crude Protein	92.00 g/kg	124.00 g/kg
Crude Protein	112.00 g/kg dm	154.00 g/kg dm
Digestible Organic Matter	84.30 g/kg dm	84.10 g/kg dm
Dry Matter	820 g/kg	807 g/kg
Fat	22.00 g/kg dm	14.00 g/kg dm
NDF on DM basis by NIR	204 g/kg dm	224.00 g/kg dm
Neutral Detergent Fibre	167.00 g/kg	181.00 g/kg
Soluble Protein	29.00%	40.00%
Soluble Carbohydrate by NIR wetscan	28.00 g/kg dm	25.00 g/kg dm
Starch by NIR wetscan	531 g/kg dm	521.00 g/kg dm
Sugar (SAR)	23.00 g/kg	20.00 g/kg
pH	6.90	8.63

PowerGrain®

Enzyme

Available in:

25kg bags

Apply:

5kgs/T feed

PowerGrain®

Booster

Available in:

25kg bags

Apply:

15kgs/T feed

Application:

Mix PowerGrain® with moist grain (16-20%). Once mixed store treated grain in a pile / clamp and seal air tight. After 2 to 3 weeks the air tight cover must be removed. At this point the feed is stable and can be left uncovered for up to 12 months. Protect from weather.

Add water if treating dry or stored grain

10 litres of water per tonne raises moisture content 1%

Amount of PowerGrain® per tonne of grain

5kgs PowerGrain® Enzyme

15kgs PowerGrain® Booster



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Agriton, restoring nature's balance