



GrainCorp
Animal Nutrition

2024



FEED RANGE

GrainCorp partnering with you

GrainCorp Animal Nutrition offers a range of dairy feed options to suit any feed system. Options include molasses, canola meal and proteins, starch pellets and grains, and fibre options. If you need dairy feed, GrainCorp Animal Nutrition has a range of options to consider.



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GrainCorp Animal Nutrition

At GrainCorp Animal Nutrition we understand that no two herds are the same, and the role of supplementary feed across New Zealand is changing.

We have invested in people, products, tools and assets, with the goal of helping farmers meet on farm production, reproduction, animal health, sustainability and profitability goals.

As farmers strive to increase productivity, GrainCorp Animal Nutrition can partner with you, to achieve sustainable, profitable outcomes. With a focus on maximising utilisation of home grown pasture and supplements, we endeavour to balance animal diets and recommend supplementary feeds which will help drive returns from all feed eaten, and by adding the right feed at the right time, enhanced results can be achieved. Then, by measuring and monitoring results in real time, utilising our unique online tools, combined with a knowledgeable team across the country, we can help you make informed, fact based, proactive, farm and herd management decisions.

Importantly, by measuring feed conversion efficiencies, and margins, the decision making process becomes easier, and improved results more likely. Supported with an efficient & professional ordering process, highly skilled customer service team, accurate manufacture and timely deliveries, we strive to deliver industry leading service, across all regions.



TRACKER™

GrainCorp Animal Nutrition partners with dairy farmers to help meet on-farm production, reproduction, performance and profitability goals. This is achieved by incorporating high quality feeds and utilising the latest technical support tools, with a focus on maximising pasture utilisation and optimising feed conversion efficiency, for improved financial performance.

Tracker™ is an easy to use, online tool, which helps farmers make proactive, fact based, feed and farm management decisions, to help maximise production and profitability.

After entering the seasons production target, Tracker™ populates the planned production curve, from which a feed plan can be created. Once the season starts, real time milk data is uploaded directly from your milk supplier, meaning we can easily track progress against plan.

Then, by overlaying daily feed inputs, we can measure feed conversion efficiency and margins, which help shape decision making.

Our team review individual farm data remotely to help identify opportunities to improve production and margins, whilst maximising the utilisation of home grown feeds.

As we are working with real time data, decision making becomes easier and better results can be achieved. Tracker™ includes a 'fill the gap' calculator which can provide an estimation of feed volumes and costs to meet feed deficits and calculates the potential return on this feed investment.

The ability to track feed conversion and margins in real time, ensures Tracker™ can add real value to customers of GrainCorp.

Make better, fact based feed and herd management decisions with
TRACKER™



Analysing your herd's diet and optimising nutrition

Tracker™ helps us set individual farm targets and monitor progress by analysing milk and feed data in real time. Alongside this, our technical team utilises DietCheck™ to help evaluate individual herd diets and identify nutritional gaps and opportunities.

DietCheck™ analyses nutrient availability and compares various feeding scenarios in order to optimise your herd's total diet. We achieve this by uploading your herd's current diet versus production targets, allowing us to quickly analyse nutrient availability and compare various feeding scenarios. DietCheck™ works through the limitations of the diet, such as energy, protein, starch, and NDF, as well as the micro nutrients such as calcium, sodium, magnesium and trace minerals.

As with Tracker™, DietCheck™ helps take away the guesswork, and enables fact-based and proactive feed and herd management decisions. Utilising DietCheck™, alongside Tracker™, combined with the knowledge of our technical team and our comprehensive range of dry and liquid feeds, the GrainCorp Animal Nutrition team can help optimise diets, monitor results in real time and improve outcomes across all farm systems.

“As with Tracker™, DietCheck™ helps take away the guesswork, and enables fact-based and proactive feed and herd management decisions.”



PROTEIN



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As protein levels in pasture change significantly from season to season, our range of protein-based feeds can help complement pasture during summer months or during other times when protein demand increases.

CANOLA MEAL



Canola Meal is a high protein feed ideal for complementing lower protein diets, or any time additional protein is required. Canola Meal is safe to feed, has an ideal amino acid profile for dairy cows and with a higher percentage of rumen bypass protein than many other commonly used supplements, utilisation is improved.



PALM KERNEL EXPELLER (PKE)

PKE is a by-product of the palm oil extraction process from the fruit of the palm, (2mm PKE available at some locations). PKE is a safe feed and as such can be fed ab-lib. PKE can fit into most diets and is an ideal dry matter replacement during times when dry matter may be short.



DRIED DISTILLERS GRAINS (DDG)

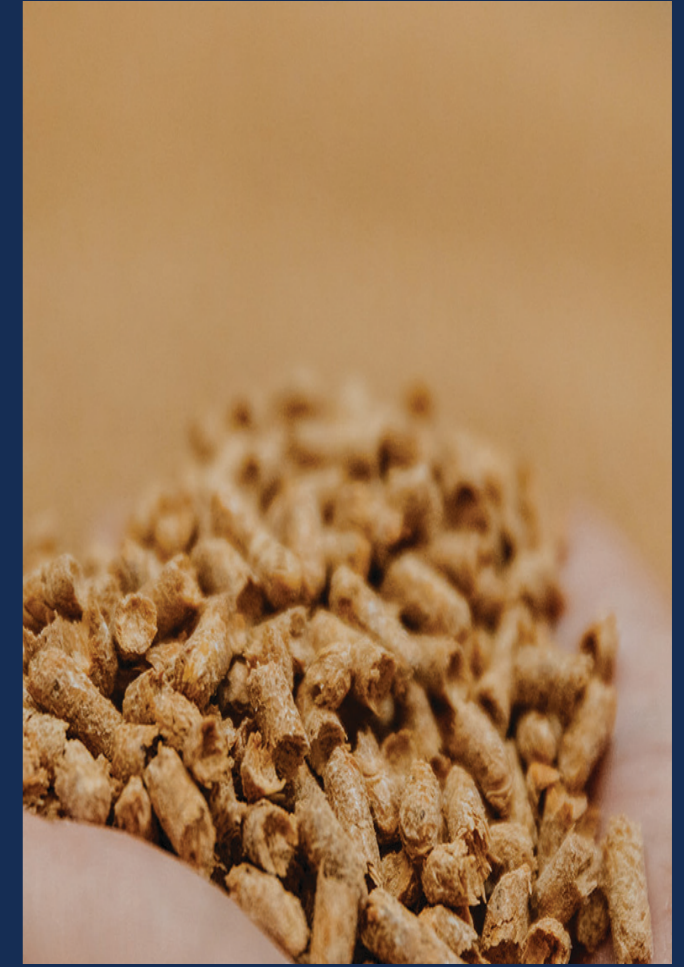
DDG is a mid-protein feed with relatively high energy levels. DDGS is the dried residue remaining after grain starches have been fermented in the process of producing bio ethanol, in combination with yeasts and enzymes. A course dark coloured free flowing granular powder with a pleasant fermented odour which cows enjoy.

Options:
WHEAT (NON-GM) & CORN



SOYBEAN MEAL

Soybean Meal is a high protein, highly palatable feed. Soybean Meal is ideally suited for feeding when the protein content in the diet needs lifting. When concentrated levels of protein are required, Soybean Meal is an ideal supplement to include in the diet.



SOYHULL PELLET

Soy Hulls are a by-product of the processing of Soybeans for oil. Soy Hulls are a good source of fibre and energy and are a safe feed which can be fed ad-lib. Soy Hulls have been proven to help lift production and minimise FEI levels.



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Estimated Nutrient Analysis - PROTEIN

Anaylsis	Canola Meal	PKE	DDGS	Soybean Meal	Soyhull Pellet
DM (%)	89	90	90-92	89	91
Protein (%)	38	17	20-28	48	11
ME (MJ)	13	11.5	11.5-13.5	12.5	12
Fat (%)	0.5	5	8	5	2
NDF (%)	27	67	30-35	13	61
Starch	2	0	2-10	2	1

STARCH



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Our range of starch-based products can help lift carbohydrate levels in the diet, to help improve rumen function and balance diets, especially during spring months when pastures are already naturally lower in starch and higher in protein. Pelleting starches (grain) has been proven to improve digestibility and feed conversion, compared to whole or crushed grains. At GrainCorp Animal Nutrition we offer a range of whole, crushed and pelleted starches, with options to suit every feeding situation.

OAT HULL PELLET (OHP)



OHP is manufactured using oat residue from the processing of rolled oats, combined with wheat and molasses. OHP is a lower cost pelleted feed which offers medium starch, protein and energy levels. OHP is a cost-effective source of fibre and can fit into most feeding regimes.

STARCH PELLET (FGO)



FGO is a premium grain pellet, consisting of oats & wheat, offering high energy and starch levels, combined with good levels of protein, supplied in a concentrated, pelleted form. FGO is suitable for a large range of applications throughout the year, either in blends or fed on its own.



WHEAT, BARLEY, MAIZE

GrainCorp Animal Nutrition has access to a range of locally grown, energy dense, high starch grains which can be supplied direct to farm or added to blended feeds. The range of grains available varies by region and availability.



TAPIOCA PELLET

Tapioca Pellet is a rapidly digestible starch source containing little protein and medium levels of energy. Due to its rapid rate of digestibility, Tapioca must be fed in controlled feeding environments at relatively low percentages and as such is ideally suited for inclusion in blended feeds.



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Estimated Nutrient Analysis - STARCH

Anaylsis	OHP	FGO	KIBBLED MAIZE	BARLEY	TAPIOCA
DM (%)	90	90	89	89	90
Protein (%)	6-8	10-12	9	11.5	3
ME (MJ)	10-11.5	12.5-13.5	13.6	13	12.5
Fat (%)	3-4	3-5	4	1	0
NDF (%)	35-45	20-25	10	23.50	15
Starch	8-22	45-55	72	60	50

PRO COW™



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The PRO COW™ range delivers a dust free, cost effective, balanced palm kernel and molasses based animal feed, with the added benefits of lime and salt, and cows love it. Use PRO COW™ to help increase appetite, improve cow condition and drive milk production. It is also being used to help lower FEI levels. The addition of Molasses in PRO COW™ provides quality soluble carbohydrates for increased energy while supporting healthy rumen function and feed conversion.

PRO COW™ 30

PRO COW™ 30 combines 30% molasses with PKE, salt and lime for enhanced digestibility, improved feed conversion and better animal health. Cows love the taste of PRO COW™ 30, ensuring rapid uptake. PRO COW™ 30 has shown benefits in both milk production and body condition.

PRO COW™ 15

Similar to PRO COW™ 30, PRO COW™ 15 offers a lower cost blend which includes 15% molasses, PKE, salt and lime. PRO COW™ 15 provides a higher nutritional value than straight PKE plus offers the added benefits associated with salt and lime.

PRO COW™ 20NL

PRO COW™ 20NL (No Lime) has been developed as a safe feed for pre-calving cows. Containing a proven combination of PKE and Molasses, PRO COW™ 20NL offers superior nutritional value to PKE alone while incorporating the benefits associated with feeding Molasses. An ideal alternative to straight PKE pre calving.

NUTRITIONAL BENEFITS

- The addition of Molasses to the PRO COW™ range ensures no dust, and exceptional palatability whilst providing high levels of fermentable energy. The Molasses also helps the digestion of the total diet (grass included) when compared to feeding palm kernel alone.
- With high fermentable energy levels, the PRO COW™ range can help increase appetite and drive rumen function for improved body condition and increased milk production.
- AgResearch trials show as little as 51% of PKE is generally utilised by the cow. Adding Molasses has shown to improve PKE digestibility by up to 37% (relative percentage) improving feed conversion efficiency and utilisation by the animal.
- The inclusion of salt and lime provide the animal with essential nutrients for optimal production and health.



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Estimated Nutrient Analysis - PRO COW™

Anaylsis	PRO COW™ 30	PRO COW™ 15	PRO COW™ 20NL
DM (%)	88	88	87
Protein (%)	15	15	15
ME (MJ)	11	11	11
NDF (%)	43	47	50
Calcium (%)	2.14	2.14	0
Sodium (%)	0.78	0.78	0



ADDITIVES



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GrainCorp Animal Nutrition offer a range of additive options which can be added at required rates to any of the GrainCorp Animal Nutrition dairy range to help ensure your animals remain healthy, maintain or improve body condition, and improve productivity.

BYPASS FAT



Bypass Fats bypass the rumen where they are digested in the small intestine, for maximised utilisation by the animal. Bypass fats provide a source of readily available energy, developed to easily and efficiently increase energy levels in the animal's diet. Ideal for periods during which the cow is unable to consume sufficient energy to meet demands, such as spring, peak lactation and mating. GrainCorp Animal Nutrition provides various bypass fat options, and can help determine the best product for your situation.

Ensure your animals remain healthy, maintain or improve body condition, and improve productivity.



MONENSIN

With claims it can aid in the prevention of bloat and increase the protein fraction of milk produced. It can help to improve feed conversion efficiency, therefore economically generating more milk per mouthful of feed. Research shows 5-7% more energy is utilised from feed by cows on Monensin.



TOXIN BINDERS

Fusion® Dyad (Mycotoxin Binder) has been proven to minimise the negative effects associated with Grass Staggers so is ideal to add to the cow's diet during summer when Mycotoxins, particularly in older ryegrass maybe present.



MAGNESIUM OXIDE

Magnesium plays an important role in milk fever prevention (calcium deficiency).



SALT

The sodium in salt is essential for muscle, nerve and immune system function, sound reproductive health, and improved coat conditions.



RUMEN BUFFERS

Rumen Buffers help to stabilise the pH of the rumen enhancing digestibility and feed conversion. Optimate Vital & Sodium Bicarbonate.



YEAST

Yeasts are used to improve the overall health and function of the rumen by creating an environment which helps improve the number of food digesting bacteria, creating a more stable rumen pH and helping to improve feed conversion and digestion (e.g. Levucell SC).



TRACE MINERALS

GrainCorp Feeds has access to a wide range of trace mineral packages which can include Zinc, Copper, Cobalt, Chromium, Selenium Vitamin D, Vitamin E and Iodine. Trace Mineral packages can be tailored to individual herd requirements.



LIME

Lime is an essential part of the dairy cow's diet and is particularly important post calving when the calcium aids in the prevention of milk fever.



ZINC

A range of zinc products are available including Zinc Oxide, Zinc Sulphate Monohydrate and Zinc Sulphate Heptahydrate which can be added as and when required.

LIQUI PRO™ LIQUID FEEDS



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GrainCorp Animal Nutrition offers supply and delivery of a wide range of liquid feed options. As well as FeedGrade Molasses, GrainCorp Animal Nutrition offers a range of Liqui Pro™ mineralised Molasses blends, all made using specialised blending equipment, ensuring palatable mineral supplementation of your herd.



FEEDGRADE MOLASSES

One of the most commonly used types of liquid feeds throughout New Zealand is Feedgrade Molasses. Molasses is derived from cane sugar and is characterised by its great palatability and flexibility of use.



LIQUI PRO™ CALCIUM

Molasses with Calcium will help to develop the proper muscle activity of your herd. Falling calcium levels or even diverted calcium can affect different muscles, including the rumen. Targeting 50 grams of elemental calcium per cow. Recommended feeding rate 1kg per head per day.



LIQUI PRO™ MAGNESIUM

Molasses with added magnesium to help reduce milk fever and assist with the prevention of grass staggers. Targeting 18grams of elemental magnesium per cow. Recommended feeding rate 1kg per head per day.



LIQUI PRO™ CALCIUM & MAGNESIUM

Molasses with Calcium & Magnesium will help to develop the muscle activity and at the same time with the addition of Magnesium assist with reducing the risk of milk fever and grass staggers. Targeting 18grams of elemental magnesium and 50 grams of elemental calcium per cow. Recommended feeding rate 1kg per head per day.



LIQUI PRO™ MONENSIN 300 & 600

Monensin aids in the control of bloat, can help prevent Ketosis and has been proven to improve feed conversion efficiency. Suitable to be fed all year round, Liqui Pro™ Monensin provides the benefits above, combined with the goodness and energy of Molasses. Options for 1kg and 2kg feeding rates.



LIQUI PRO™ 16

A new innovative protein boosted Molasses blend to help complement low protein summer pasture. Combining 16% protein (on a dry matter basis) with the proven benefits of Molasses in helping improve rumen function, an ideal summer feed. Developed to be fed at 1kg per head per day.



LIQUI PRO™ ZINC 550 + ZINC 450

Addition of zinc oxide has been shown to help aid in the prevention of facial eczema. Liqui Pro™ Zinc 450 has been developed for 450kg cows to provide 12.5grams of zinc oxide per cow while Liqui Pro™ Zinc 550 has been developed for 550kg cows to provide 15 grams of zinc oxide per cow. Recommended feeding rate 1kg per head per day.



Estimated Nutrient Analysis - LIQUI PRO™

	Feedgrade Molasses	Liqui Pro™ 16	Liqui Pro™ Zinc 550 + 450	Liqui Pro™ Magnesium	Liqui Pro™ Calcium	Liqui Pro™ Monensin
DM (%)	74.5	74	75	74	70	73
Protein (%)	6	16	5	4.2	4.2	5
ME (MJ/kg/dm)	12.5	11.5	12	10	10	12.10
Fat	0	0	0	0	0	0
Sugar (%)	60	50	60	50	51	61

PRO START™ CALF FEED



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The PRO START™ range has been developed to provide a range of balanced and nutritious calf feed supplements for growing good calves, with options to suit all systems and budgets.

Combining quality ingredients to create a range of calf blends and pellets, Pro Start™ can help get your calves off to the best start.



PRO START™ 16

A quality pelleted calf feed made from a unique blend of industry leading ingredients, developed to achieve optimal calf growth and rumen development containing 16% protein. Similar to PRO START™ 20 with slightly less grain, offering a lower cost finishing pellet. Contains No PKE.



PRO START™ 20

A premium, pelleted calf feed made from only high quality ingredients, developed to achieve optimal calf growth and rumen development. Containing 20% protein, PRO START™ 20 offers a high grain content with digestible proteins and high quality vitamins and minerals. Contains no PKE.



PRO START™ STARTER

A premium textured calf feed manufactured from high quality ingredients, designed to encourage early rumen development in calves. PRO START™ Starter contains a mixture of grains, proteins, calcium, yeast and molasses for early uptake and rapid development. Contains no PKE.



PRO START™ GROWER

A lower cost, well-balanced, molasses based soft textured calf feed that delivers the nutritional requirements needed by young calves in transition from liquid feeding to pasture based systems. Contains PKE.

Each of the PRO START™ range includes a coccidiostat, to aid in the prevention of coccidiosis.



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