

# KEY PRODUCTS





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Ballance Agri-Nutrients is a New Zealand farmer-owned co-operative that helps its customers to farm more productively, profitably and sustainably. Ballance has a range of products and services that are designed to help farmers achieve maximum production and profit through maximised nutrient use efficiency.

We cover the country with one-on-one specialist advice available on farm backed up by a network of rural merchant supply partners. Our Field Consultants are trained to provide specific solutions that will help your business grow and give you maximum return from your fertiliser investment. Contact our Customer Services team on 0800 222 090 to arrange a visit from your local Ballance representative.





# PHOSPHATE

## Increase pasture quality and stock performance

A lack of phosphate (P), shown by Low Olsen P or Resin P levels, will reduce the quality, quantity and palatability of pasture, and will be reflected in overall stock performance. Ballance offers a range of products providing phosphorus, to help you achieve your objectives. These product ranges can be tailored to your individual requirements.



## Superten

- Readily soluble phosphate (P) source; rapidly available to meet plant nutrient needs.
  - Also supplies sulphur (S) in sulphate form and calcium (Ca).
  - A versatile product that can be blended with other products including potassium (K) and trace elements to meet farm requirements.
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## Enviroking

- Includes environmentally friendly RPR, a slow release phosphate fertiliser that maintains soil P levels over a period of time making it an ideal maintenance fertiliser.
- Reduces risk of run off.
- Some products in the range provide plant available nitrogen (N) and/or phosphate, as well as quick and slow release S, allowing immediate and sustained supply of nutrients.



## Pasturemag

- The ideal choice for many farming situations, but offers special benefits where there is a desire to apply all of the major nutrients in one application (N, P, K, S, Ca, Mg).
  - A typical application of **Pasturemag** to dairy land supplies sufficient magnesium (Mg) to meet the normal maintenance requirements of most dairy operations.
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## Pasturezeal G2

- Produced using Ballance's patented coated urea technology, which offers a stable blend of phosphorous and nitrogen.
  - Ability to blend with other products to produce the desired ratio of nutrients.
  - Ideal for hay & silage areas with high stocking rates or fattening areas as well as in most pastoral scenarios where N, P and S are required.
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## Serpentine Super

- Ideal where Mg levels need to be maintained or increased.
  - Low phosphate run-off characteristics make it ideal for application in P sensitive catchments as well as on Podzolised soils.
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## DAP

- Boosts crop growth and pasture production with a nitrogen response while applying phosphate at the same time.
- A cost effective option for applying P and N. S can be added if required.
- Helps to promote growth into the shoulders of the season.

# SULPHUR

## Grow quality pasture to grow your production

Sulphur is essential for plant growth and a key driver of quality pasture production. It is low in most New Zealand soils and needs to be applied annually where required. Balance offers a range of products to supply sulphur, ensuring your production is not compromised. Sulphur inclusion can be tailored to your individual requirements.

## Sulphurgain

- Ideal for use on soils that are both phosphate (P) and sulphur (S) deficient.
- Supplies both sulphate S and elemental S, to meet short and long term plant needs.
- Ideal for high rainfall areas or where application of S will only occur once a year.
- Spring fertiliser option to set up clover growth in S responsive soils.
- **Sulphurgain Pure**, is ideal for use on effluent blocks which tend to have high P levels.
- **Sulphurgain Pure** can also be used as the base product in blends for hill country where S is the most limiting nutrient.

## Superten

- Supplies sulphur with your annual phosphate requirements in areas that are not low in S or have excessive rainfall.



## DAP Sulphur Super

- Provides a mix of plant available and slow release S.
  - Ideal on sheep and beef operations to provide the majority of nutrients needed in one application.
  - K can be added if required.
  - Cost effective option for aerial application.
  - Nitrogen provided in the form of ammonium-N avoiding N losses via volatilisation.
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## PhaSedN

- Ideal for use where phosphate levels are high and no further applications are required, but sulphur availability needs to be increased or maintained.
- Especially suitable for use where fertiliser applications are made in autumn.
- Can be blended with other products such as DAP.

# NITROGEN

## Grow more pasture for longer

Nitrogen (N) is the most cost-effective way to fill a feed deficit. With the right N product at the right time and rate, nitrogen fertiliser can improve both feed quantity and quality. This allows feed to be supplied earlier, builds a feed buffer, extends the growing season or sets up production for next season.



- Mitigates nitrogen (N) loss through ammonia volatilisation to increase N efficiency and provide a more flexible application schedule.
- The “go to” N fertiliser to grow more grass and crop per unit of N applied.
- Use instead of urea unless 5-10 mm of rain is guaranteed within 8 hours of applying N.
- Ideal where high rates of N are applied (e.g when side dressing crops).
- Where Sulphur levels need to be maintained use **Sustain S Boost**, containing elemental S.
- Where potassium is required use **Sustain K**, which delivers K at the optimal time to support clover growth. K also helps the recovery of hay and silage paddocks after they have been cut.
- Where soil sulphate levels are low, **Sustain Ammo** is a good choice. The sulphur in **Sustain Ammo** will help support the growth of grass species and clovers, and enable them to respond better to the nitrogen.





## PhaSedN

- Supplies N and S to grow grass longer in autumn, build pasture covers and set up the farm for spring.
  - Elemental S supplies S in a sustained manner, ensuring adequate levels in spring when pasture starts growing again.
  - Ideal where there is a high S need (e.g. sandy, peat and pumice soils).
  - **PhaSed N Quick Start** supports immediate and long-term pasture growth with both plant-available S (SOA) and sustained-release S (elemental).
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## Nrich

- **N-Rich** Urea is composed of hard, evenly sized, smooth granules for easy spreading.
- An effective tool for enhancing farm productivity.

A photograph of a lush green field of crops, likely leafy vegetables, under a cloudy sky. The crops are in the foreground and middle ground, with a line of trees in the background. The sky is overcast with soft, grey clouds. The overall scene is a healthy agricultural field.

# HORTICULTURAL, VEGETABLE AND ARABLE CROPS

As well as fertilisers predominantly applied in pastoral applications, Ballance offers cropping customers an extensive range of products specially formulated for the precise plant nutrients required for uniform crop growth.

The Ballance cropping range includes Kieserite, Sulphate of Potash, Gypsum and Trace Elements as well as products from the world's leading supplier of plant nutrients, Yara International. These are high-quality prilled or granulated fertilisers, fast acting, dust free, with even-sized particles, making it easy to handle and spread for uniform crop growth.

These quality products are backed by the expert advice of the Ballance Core and Horticultural Specialists, who can both draw on their own practical experience and access the latest research and development information from the knowledge banks of both Yara and Ballance.

## YaraBela CAN

- Balanced nitrogen source in nitrate and ammonium forms (50/50 split) with no urea.
  - Nitrate ( $\text{NO}_3^-$ ) is easily absorbed and highly mobile in the soil reaching the plant roots quickly, while ammonium is equally plant-available but more strongly retained in the soil
  - Potential for loss minimal through volatilisation. Used in side dressings.
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## YaraLiva Nitrabor

- Soluble form of calcium available to the root zone as required. Nitrate ( $\text{NO}_3^-$ ) is easily absorbed and highly mobile reaching the plant roots quickly.
  - Added Boron reduces incidence of deficiencies such as brown heart and brittle plant tissue. Best used as a final dressing.
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## YaraMila Complex (12-5-15)

- Compound prilled fertiliser. As opposed to blends, every prill contains the same exact proportions of NPK for uniform crop growth.
- Supplies Nitrogen in both nitrate and ammonium forms. Nitrate ( $\text{NO}_3^-$ ) is easily absorbed and highly mobile in the soil reaching the plant roots quickly, while ammonium is equally plant-available but more strongly retained in the soil.
- Potassium supplied as SOP making it suitable for chloride-sensitive crops such as avocado's, melons, grapes and tomatoes.
- Highly mobile form of sulphur.
- Magnesium in form of kieserite so highly water soluble.
- Suitable for a wide range of high-value crops applied before during or after sowing by broadcast or by being drilled.

# YaraMila 8-11-20

- Compound fertiliser meaning every granule contains the same exact proportions of NPK for uniform crop growth.
  - Nitrogen available in nitrate and ammonium forms (predominantly ammonium). Nitrate (NO<sub>3</sub><sup>-</sup>) is easily absorbed and highly mobile in the soil reaching the plant roots quickly, while ammonium is equally plant-available but more strongly retained in the soil.
  - Ideal starter fertiliser with high concentrations of N, P and K.
  - Suitable for high yielding crops such as maize and potatoes.
  - High levels of potassium from both Muriate of Potash (MOP) (13%) and SOP (7%) ensures there is sufficient nutrient to support early crop growth in continually cropped soils.
  - A hard smooth granule ideal for broadcast or drill application with no nutrient segregation.
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# YaraMila 12-10-10

- Compound fertiliser meaning every granule contains the same exact proportions of NPK for uniform crop growth. Nitrogen available in nitrate and ammonium forms. Nitrate (NO<sub>3</sub><sup>-</sup>) is easily absorbed and highly mobile in the soil reaching the plant roots quickly, while ammonium is equally plant-available but more strongly retained in the soil.
  - High proportion of Soluble P.
  - Suitable for high yielding crops such as maize and potatoes.
  - Potassium from MOP ensures there is sufficient nutrient to support early crop growth in continually cropped soils.
  - Small, round, hard granule, ideal for drill and broadcast applications with no nutrient segregation.
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# Kieserite

- Rapidly released magnesium to quickly correct deficiencies.
- A dense formulation and free-flowing qualities make it easy to handle and spread.
- Can be used alone or blended with other fertilisers as required.

# Gypsum

- A mineral mix of calcium and sulphur.
  - Gives immediately available S, ensuring a quick response.
  - Used as a fertiliser and soil conditioner as it does not increase soil pH.
  - Improves soil aggregation and stability.
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# Sulphate of Potash

- Excellent source of potassium for crops.
  - SOP has a lower salt index than MOP thus reducing the risk of seedling damage.
  - Particularly appropriate for use with chloride-sensitive crops such as kiwifruit, avocado's and melons.
  - Can be banded or broadcast.
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# Cropzeal Boron Boost

- Used as a starter fertiliser to supply nitrogen, phosphorus and boron, the three nutrients most important for high-yielding healthy brassica crops.
  - Contains readily available N in the form of ammonium, highly soluble phosphorus and boron.
  - Every granule contains the same ratio of each nutrient.
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# Trace Elements

- Ballance supplies all of the six trace elements that are important for healthy crops - boron, copper, iron, manganese, molybdenum and zinc.
- These are typically applied by adding each element required to base fertiliser mixes.


**Superten**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Superten	-	9.0	-	10.5	-	22.0
Superten 5K (10% Potash Superten)	-	8.1	5.0	9.5	-	19.8
Superten 7K (15% Potash Superten)	-	7.7	7.5	8.9	-	18.7
Superten 10K (20% Potash Superten)	-	7.2	10.0	8.4	-	17.6
Superten 15K (30% Potash Superten)	-	6.3	15.0	7.4	-	15.4
Superten 25K (50% Potash Superten)	-	4.5	25.0	5.3	-	11.0


**Sulphurgain**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Sulphurgain 15S	-	8.6	-	14.8	-	21.0
Sulphurgain 20S	-	8.0	-	20.0	-	19.8
Sulphurgain 30S	-	7.0	-	29.5	-	17.5
Sulphurgain Pure	-	-	-	90.0	-	-
15% Potash Sulphur Super (7K)	-	6.8	7.5	17.0	-	16.8
20% Potash Sulphur Super (10K)	-	6.4	10.0	16.0	-	15.8
30% Potash Sulphur Super (15K)	-	5.6	15.0	14.0	-	13.8
50% Potash Sulphur Super (25K)	-	4.0	25.0	10.0	-	9.9


**Pasturezeal G2**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Pasturezeal G2 5K	9.5	5.9	5.0	6.9	1.6	15.1
Pasturezeal G2 10K	7.6	5.5	10.0	6.4	1.2	13.8
Pasturezeal G2 15K	7.6	4.6	15.0	5.3	1.2	11.6
Pasturezeal G2 9S	5.7	7.7	-	9.0	0.9	19.2
Pasturezeal G2 15S	9.5	6.1	-	15.1	1.6	15.6
Pasturezeal G2 Impact	12.1	6.2	-	7.2	2.0	15.9
Pasturezeal G2 Equaliser	7.6	7.3	-	8.5	1.2	18.2
Pasturezeal G2 Boost	9.1	6.9	-	8.1	1.5	17.4
Pasturezeal G2 Balancer	6.6	6.2	7.0	7.2	1.1	15.6
Pasturezeal G2 High S	7.6	5.2	7.5	13.5	1.2	13.3
Pasturezeal G2 Hay & Silage	11.4	2.8	20.0	3.2	1.9	7.5

**☼ Pasturemag**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Pasturemag	6.9	5.8	-	7.1	4.3	14.0
Pasturemag 5K	6.2	5.2	5.0	6.4	3.8	12.6
Pasturemag 7K	5.9	4.9	7.5	6.1	3.6	11.9
Pasturemag 10K	5.5	4.6	10.0	5.7	3.4	11.2
Pasturemag 15K	4.8	4.1	15.0	5.0	3.0	9.8
Pasturemag 12N	11.5	5.1	-	6.3	3.8	12.4
Pasturemag 16S	6.2	5.2	-	15.4	3.8	12.6
Pasturemag Peat	6.0	5.1	6.0	10.9	2.7	12.6
Pasturemag Pumice	6.0	5.1	6.0	10.9	2.7	12.6

**☼ SustaiN**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
SustaiN	45.9	-	-	-	-	-
SustaiN 15K	32.1	-	15.0	-	-	-
SustaiN 20K	27.5	-	20.0	-	-	-
SustaiN 25K	23.0	-	25.0	-	-	-
SustaiN S Boost	39.7	-	-	8.6	-	1.7
SustaiN Ammo 30N	29.8	-	-	13.7	-	-
SustaiN Ammo 36N	35.4	-	-	9.0	-	-

**☼ PhaSedN**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
PhaSedN	25.3	-	-	28.5	0.1	5.7
PhaSedN Quick Start	31.3	-	-	17.0	-	2.3

**☼ Nrich**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Nrich Urea	46.0	-	-	-	-	-
Nrich SOA	19.5	-	-	22.5	-	-
Nrich Liquid Urea 19N	19.0	-	-	-	-	-


**Enviroking**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Cloverking	-	12.5	-	1.3	-	35.0
Cloverking 9S	-	11.4	-	9.7	-	31.9
Dairyking Capital	5.4	14.8	-	1.2	-	24.5
Dairyking 7S	14.4	9.2	-	6.4	-	17.2
Superlife	-	14.4	-	1.0	-	29.8
Superlife 9S	-	13.1	-	9.5	-	27.2


**Cropzeal**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Cropzeal 15P	13.5	15.1	12.5	0.8	-	-
Cropzeal 16N	15.4	8.0	10.0	9.6	-	-
Cropzeal 20N	19.3	10.1	-	12.0	-	-
Cropzeal Boron Boost	16.5	19.5	-	-	-	-

**DAP Fertilisers**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
DAP	18.0	20.1	-	1.0	-	-
DAP Sulphur Super	10.8	14.9	-	12.4	-	7.0
20% Potash DAP Sulphur Super	8.6	11.9	10.0	9.9	-	5.6

**Phosphate Fertilisers**


	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Triple Superphosphate	-	20.5	-	-	-	14.0
Ballance Dicalcic Pastoral	-	4.4	-	5.1	0.1	30.9

**Potash Fertilisers**

	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Muriate of Potash	-	-	50.0	-	-	-
Sulphate of Potash	-	-	42.0	17.0	-	-



<b>Magnesium Fertilisers</b>	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Serpentine Super	-	6.8	-	84	5.0	16.5
Serpentine Super 5K (10% Potash Serpentine Super)	-	6.1	5.0	7.6	4.5	14.9
Serpentine Super 7K (15% Potash Serpentine Super)	-	5.8	7.5	7.1	4.3	14.0
Serpentine Super 10K (20% Potash Serpentine Super)	-	5.4	10.0	6.7	4.0	13.2
Serpentine Super 15K (30% Potash Serpentine Super)	-	4.8	15.0	5.9	3.5	11.6
Serpentine Super 25K (50% Potash Serpentine Super)	-	3.4	25.0	4.2	2.5	8.3
Magphos	-	8.1	-	9.5	3.8	20.0
Serpentine Gold	-	6.9	-	19.0	2.5	17.0
Granulated Calmag	-	-	-	-	38.0	1.7
Dolomite	-	-	-	-	11.0	24.0

 <b>Horticulture</b>	<b>N</b>	<b>P</b>	<b>K</b>	<b>S</b>	<b>Mg</b>	<b>Ca</b>
Kieserite Granular	-	-	-	16.0	16.0	-
YaraBela CAN	27.0	-	-	-	2.0	4.0
YaraMila Complex	12.4	5.2	15.0	8.0	1.6	2.5
YaraLiva Nitrobor	15.5	-	-	-	-	19.2
YaraMila 12-10-10	12.0	10.0	10.0	2.0	1.0	-
YaraMila 8-11-20	8.0	11.0	20.0	5.0	-	-

For the full comprehensive range of Ballance products, please contact your local Field Consultant on **0800 222 090**, or visit **[www.ballance.co.nz](http://www.ballance.co.nz)**





