

Ignition

The complete package to support early seedling establishment

Ignition is a liquid injection package which provides for the nutrient demands of rapid early growth in spring planted crops. It is formulated specifically to address the issues of sustained nutrient availability to crops planted into alkaline red and black soil types.

Ignition is more than simply Phosphorus and Zinc, it is a unique Carbon buffered nutrient combination with biological components such as kelp and fish emulsion.

Ignition is the row support nutrient package to enhance the conditions in the immediate root zone and encouraging strong root development.

Benefits of Ignition

- ✓ Ignition is a complete nutrient package not just Phosphorus and Zinc.
- ✓ Zinc is especially valuable in alkaline soils or cooler planting conditions, to improve root vigour.
- ✓ Calcium and Potassium are essential for strong stems and carbohydrate transfer during periods of rapid early growth.
- ✓ Copper and Manganese address the dicotyledon nutrient requirements often found to be deficient in alkaline soil types.
- ✓ Being liquid, nutrients are immediately supplied to establishing seedlings.
- ✓ Ignition provides slow release Phosphorus, Nitrogen and Calcium for sustained availability, ensuring vigour through cold snaps.
- ✓ Ignition is a reaction of nutrients into biological stimulants like kelp and amino acids which are known to promote root growth.
- ✓ Ignition contains soil microbial cultures which add metabolites and proteins to stimulate microbial activity and mineralisation in the application zone.
- ✓ All nutrients in the formulation are buffered with Carbon compounds such as fulvic and carboxylic acids to avoid potential burn on sensitive seedlings.
- ✓ Bonding Carbon to very reactive nutrients like Phosphorus has the benefit of reducing losses to fixation on alkaline clays, hence achieving greater delivery to the plant as and when needed.

Features

- ✓ 16.0% Phosphorus.
- ✓ 5.5% Nitrogen.
- ✓ 5.0% Potassium.
- ✓ 2.4% Calcium.
- ✓ 2.0% Zinc.
- ✓ Kelp and fish emulsion.
- ✓ Fulvic and carboxylic acids.
- ✓ Microbial metabolites and proteins.

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Application and Rates

Dryland	5-8L/ha	30-50L water
Irrigated	10L/ha	30-50L water
In combination with granular starters	4L/ha	25L water

- Ignition can easily be applied with the BNSEasyflo liquid injection system.
- Not suitable for spray nozzle application or fine orifice plate systems due to the suspension particles.

Properties

pH	<3.0
Solubility	Particle suspension
Filtration	300µ
Specific Gravity	1.25 – 1.30

Handling and Storage

- Settling may occur during storage, agitate prior to use.
- Do not store in direct sunlight.
- 12 month shelf life.
- Refer to product Material Safety Data Sheet (MSDS) prior to use.
- MSDS's available at www.bionutrient.com.au or by telephoning BioNutrient Solutions on (07) 4671 5811.

The information in the Product Information Sheets is an indication only and BioNutrient Solutions will not be held liable for any loss, injury or damage caused whatsoever, in relation to the products performance in accordance with the benefits listed.

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Typical Analysis (w/v)

Nitrogen (N)	5.50%
Phosphorus (P)	16.00%
Potassium (K)	4.96%
Calcium (Ca)	2.40%
Sulphur (S)	1.19%
Zinc (Zn)	2.00%
Copper (Cu)	0.18%
Manganese (Mn)	0.19%