

Nitrosol Gibb A90

What is Nitrosol Gibb A90

Nitrosol Gibb A90 is a 900g/kg water soluble powder of gibberellic acid (90% gibberellic acid).

Nitrosol Gibb A90 contains gibberellins which occur naturally in most plants and stimulate cell elongation and hence growth. Applying Gibb A90 after grazing or when temperatures are still low, when natural gibberellins are low, increases the amount of gibberellins in the plant and hence stimulates plant growth. The gibberellins in Gibb A90 are obtained from the culture of the fungus *Gibberellic fujikuri* a natural source of gibberellic acid (GA3).

Nitrosol Gibb A90 – Plant Growth Regulator for the stimulation of pasture growth in the early spring.

Why use Nitrosol Gibb A90

Nitrosol Gibb A90 is primarily used to grow more pasture on the shoulder of seasons to avoid a feed pinch.

Nitrosol Gibb A90 produces an average 35.8 kilograms of dry matter within 3 weeks of application.

Nitrosol Gibb A90 is shipped in a convenient 540 gram and a 1.8 kg pack. The 540 gram is designed for 60 hectare while the 1.8 kg will treat 200 hectare.

Nitrosol Gibb A90 will not burn or damage plants or tender seedlings when used as directed, and is safe to use among grazing animals with no withholding period.

Nitrosol Gibb A90 is harmless to birds, bees, humans and animals.

What Nitrosol Gibb A90 will achieve

- Additional dry matter results in:
 - additional milk
 - more weight gain
 - shorter rotations
 - additional paddocks for silage or summer feed crops
 - extended milking late autumn
 - reduced requirements for supplementary feeds
- Spring applications give the pasture a quicker recovery from winter conditions
- Late summer/autumn applications improve grass growth leading into the winter period

Nitrosol®

Biological Fertilisers

about Nitrosol

Nitrosol is a one-step colloidal liquid suspension organic based fertiliser containing:

- A balanced NPK (11.5.7.) to feed through both foliage and roots.
- A balanced formulation of trace elements and minerals to address deficiencies and imbalances.
- Organic matter including protein, amino acids, albumin, globulin and cholesterol to feed and nurture the biological activity in the soil.
- A naturally occurring growth promotant to stimulate plants to take up and use all the available nutrients, trace elements and minerals.

Nitrosol Original

Made from ovine (sheep) blood and bone, Nitrosol Original has been widely used since 1971. It has gained an enviable reputation for producing strong, healthy, disease resistance plants as well as top quality flowers, fruit and vegetables.

NPK 11.5.7

Nitrosol Oceanic

Nitrosol Oceanic is made from organic matter sourced from deep-sea fishing operations. It is ideal for use on pastoral grazing land with no stock withholding period, and in horticulture. Nitrosol Oceanic has the same typical analysis and will produce the similar results to Nitrosol Original.


NPK 11.5.7

Nitrosol Organic

Nitrosol Organic has been certified by BioGro Ltd for permitted use in agriculture and horticulture by certified organic growers. With a higher organic content, it will help to produce healthy biologically active soil as well as highly nutritious and flavoursome fruit, vegetables and healthy nutritious feed for grazing animals.

NPK 6.1.3

Telephone 0800 80 30 60 for more information

CONTINUED OVERLEAF 

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Application to foliage

Nitrosol Gibb A90 is applied as a liquid foliar spray.

Nitrosol Gibb A90 is concentrated so only 9g is needed per hectare. Each container has a small scoop which will measure 9 grams of the Gibb A90. Mix the 9g in a minimum of 100L of water and apply to one hectare using normal boom spraying equipment. Keep the mix agitated when mixing and spraying. Spraying can be done aerially.

Use a non-ionic surfactant such as Agmax Weta when mixing. Agmax can be purchased directly from the company simply phone 0508 524 824 to place an order.

When is the best time to apply

To be beneficial the pasture needs to be in a growing state. The soil temperature must be warm enough for growth; this will depend on where in the country the farm is. In the South Island and high country this will be later than the warm North. Ideally the soil temperature should be 6 – 13 °C. Generally this would be in early spring and in the autumn.

The pasture should have been grazed and be actively growing again. For dairy/beef apply the Nitrosol Gibb A90 1 – 5 days after grazing and for sheep pastures 3 – 5 days after grazing. This ensures there is some leaf present for foliar uptake.

The pasture should have sufficient nutrients and water. To support the additional growth from Nitrosol Gibb A90 the pasture needs to have sufficient nutrients to support this growth and sufficient water. Once again applying at the Nitrosol Gibb A90 at same time as Nitrosol will ensure the supply of nutrients. Trials have shown that the response from gibberellic acid with the addition of nitrogen fertiliser is better than gibberellic by itself.

Registered pursuant to the ACVM Act 1997, No P9145

See: www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, approval code HSR000747

See: www.epa.govt.nz for controls applying to the substance



did you know?

Nitrosol has a specific gravity of about 1.26 so one litre weighs 1.26 kgs.

Because Nitrosol is a colloidal suspension containing organic material, it will not leach or wash away even under heavy rain or irrigation.

Nitrosol feeds via both the foliage and roots meaning that it can be applied directly to plants and the surrounding soil with excellent results.

The natural growth promotant in Nitrosol help plants to use the available nitrogen more efficiently with less waste.

Nitrosol acts as an effective sticker and spreader and may help to improve the effectiveness of plant protection materials when they are applied together.

Nitrosol is widely accepted as an important part of integrated fertiliser programmes to improve soil sustainability.

Nitrosol is exported from New Zealand to Europe, Asia, Bangladesh, Canada, USA, South Africa, Australia and several South Pacific Islands.

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