

Nitrosol Ltd

Power to the Ground Newsletter

September 2023

Spring has arrived!

At least that's what the calendar tells us. My school days many years ago tell me different. That is, spring used to begin in September and now it appears to be at least a month later, as with all the seasons.

However, we are all over the excessive rain we've had for just about a year non-stop and all the wet paddocks and doom and gloom that saturation creates. Whether you are in pastoral farming or horticulture, we've all been affected by the big wet.

So, here's to hoping we get an outstanding spring with plenty of sunshine, so that the wonderful miracle of photosynthesis can do its job and drive profitable production.

I don't know anyone who hasn't had a hard time in any of these sectors be it sheep, beef, dairy, vegetable, avocados, or kiwi fruit to name a few.

Time for me to vent my spleen on the farmer unfriendly government we've had to endure. I suggest that many of you run your businesses far more effectively than the try hard desperados masquerading as politicians in Wellington. As the saying goes, they couldn't organise a booze up in a brewery. Imagine if they spent some time in your business and found out what real work is like. The lights might switch on as they realise the contributions you make to this country's domestic and export markets. What's more they would get to see the challenges, frustrations, and joys of running their own business. Which many of the current lot have never done.

So here's to throwing the incumbents

out in a few weeks' time and we trust that whoever replaces them will build some roads, create a health system that works, catch the criminals and educate future generations. This might even stop the exodus of those who are crossing the ditch to our Aussie cousins. Now that I have let off some steam, let's focus on your business' productivity, performance and profitability.

We contribute by increasing the productivity of one of your greatest assets - your soil. Using a tried, and tested biological fertiliser with macro and trace elements with an NPK of 11.5.7. Nitrosol is more cost effective than conventional synthetic chemical fertiliser. You begin to mine all the stored nutrients in your soil and increase your productivity, performance, and profit. Not to mention reducing stress on people, stock and plants.

We are doing many soil tests and the results are showing that some of the more mobile nutrients, namely potassium and sulphur have been leached away with all the wet weather.

Make the most of our spring special of 5% off all Nitrosol manufactured products to replace the much-needed nutrients.

We have a new product, EcoGro which is a plant-based biological fertiliser with an NPK of 11.5.9. We pride ourselves on being sustainable, not just greenwashing sustainable and that is why we have developed this new product. Although we are very proud to produce meat and fish blood and bone fertilisers from waste products, we realise that some of the sustainability of these resources has the potential to decrease over time.

As a result, we have developed our new EcoGro product. Both pasture and plant trials show that it works just as effectively, if not more effectively, as our existing meat and fish-based products.

We realise that we are preaching to the converted. However, we thank you for your support in referring many new customers in our direction. So much so, that we are now offering a 10% Nitrosol rebate when you recommend a new customer to Nitrosol. That is, they get a 10% saving off their first order and you get a 10% saving off your next order. This is just another step for our small dynamic company, Nitrosol, taking on the might of the corporates and cooperatives. A real David vs Goliath situation.

As you now progress into spring, here's to great weather for applying Nitrosol, record production and saving money, a new farmer friendly Government and the All Blacks bringing home the world cup.

Love life and stay well!



Nitrosol Blends

The Nitrosol Oceanic Blend (The Blend) has become a very popular choice among our dairy farmer customers.

This arrives on farm already blended and consists of 1-part Nitrosol Nitrogen Booster and 2-parts Nitrosol Oceanic.

In one 30L/ha application (10 litres Nitrogen Booster plus 20 litres Oceanic) you get the benefits of the extra nitrogen in Nitrogen Booster (21.5% N) plus the full range of macro and micro-nutrients in Nitrosol Oceanic.

The Blend contains high levels of vegetable and hydrolysed fish derived amino acids that are readily absorbed by plant foliage to provide very fast nitrogen uptake and utilisation with the added benefit of encouraging beneficial soil organism health to provide a further boost for the plants root system.

This Blend is especially favoured for application to pasture in autumn and early spring together with Nitrosol Gibb A90 to extend the pasture growing season.

Why use Nitrosol Oceanic Blends

Convenience - one less product to dilute with water before applying.

Cost - We don't charge a mixing fee for 1000 litres or more, and the mixture is often applied at the same time reducing fuel costs for the tractor/sprayer or aircraft.

Reduced compaction of the soil results from single application.

The Blend combines readily absorbed macro and micronutrients that combine to give a rapid and sustainable growth far more balanced than is achieved with liquid urea applied alone.

Rapid absorption by foliage avoids leaching and wash off especially on hills.

Very convenient for aerial spraying on established crops such as maize that cannot be accessed by land based spraying equipment without crop damage.

Typical product analysis % W/V

Nitrogen N	14.5%	Phosphorus P	3.5%	Potassium K	4.9%
Sulphur S	1.3%	Calcium Ca	0.9%	Magnesium Mg	0.5%
Manganese Mn	215ppm	Zinc Zn	153ppm	Copper Cu	135ppm
Boron B	149ppm	Molybdenum Mo	121ppm	Cobalt Co	16ppm
Selenium Se	30ppm	Iron Fe	209ppm		



Nitrosol Product Range

NITROSOL ORIGINAL

Nitrosol Original meat blood and bone for use in all horticultural crops and home gardens. Nitrosol Original has a balanced NPK of 11.5.7 plus trace elements and minerals.

20lt **\$205.00** • 100lt **\$677.00**
200lt **\$1,063.00** • 1000lt **\$5,082.00**



NITROSOL OCEANIC

Nitrosol Oceanic is a liquid fertiliser manufactured from deep-sea fish blood and bone plus trace elements and minerals with a balanced NPK of 11.5.7.

20lt **\$212.00** • 100lt **\$688.00**
200lt **\$1,089.00** • 1000lt **\$5,197.00**



NITROSOL NITROGEN BOOSTER

Nitrogen Booster is a high nitrogen liquid formulation containing a balanced blend of nitrogen rich materials from plant based amino acids and dissolved urea. Nitrogen Booster has 21.5% nitrogen.

20lt **\$132.00** • 100lt **\$489.00**
200lt **\$747.00** • 1000lt **\$3,444.00**



NITROSOL MAGSULPHATE

includes 7.5% organic carbohydrates to feed and stimulate biological activity in the soil. Magnesium is an important plant nutrient that is often found to be deficient in New Zealand crops. Sulphur is essential for productive pastures, crops and animals.

200lt **\$330.00** • 1000lt **\$1,563.00**



NITROSOL MICROLIME

Nitrosol MicroLime is a finely ground high purity calcium carbonate used to increase pH or supply calcium. Certified Biagro organic input and IFOAM accredited.

25kg bag **\$19.25** • 1 tonne bag **\$693.00**



NITROSOL ORGANIC

is a new liquid organic fish fertiliser developed for use as a certified input for organic farmers. Silky smooth and not gluggy with a vastly improved odour. Certified Biagro organic input and IFOAM accredited. NPK of 6.1.3

20lt **\$220.00** • 100lt **\$699.00**
200lt **\$1,098.00** • 1000lt **\$5,255.00**



NITROSOL CALCIPRILL

is a 2-6 mm lime granule made from finely ground, high purity limestone. It is low in dust, easy to spread and breaks down rapidly in moisture.

25kg bag **\$25.00** • 500kg bag **\$325.00**



NITROSOL SEAWEED FLAKES

100% soluble seaweed flake derived from Ascophyllum Nodosum. Certified Biagro organic input and IFOAM accredited.

2kg pack **\$58.00** • 20kg box **\$529.00**



NITROSOL BLENDS

For ease of application and for an extra nitrogen boost, we can blend Nitrogen Booster with Nitrosol Oceanic or Nitrosol Original. Call us to discuss blending options and pricing.



NITROSOL GIBB A90

is a water soluble powder of gibberellic acid, a naturally occurring plant growth promotant. Apply at only 9gms per hectare.

540g tub **\$410.00**



Please note prices exclude GST & delivery, and are subject to change without notice. Purchase your products direct from Nitrosol Limited or your local rural merchant, eg: Farmlands, PGG Wrightson, Fruitfed, FarmSource, Horticulture etc.

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CUSTOMER NEWS

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Did you Know Avocados

It is well known that Nitrosol is the go-to-fertiliser for young avocado seedlings and young trees. However, there's a perception that Nitrosol is not very effective on mature avocado trees. That perception is incorrect!

Nitrosol was selected to spray on a mature avocado orchard in Northland which had been damaged by accidentally spraying glyphosate instead of spraying oil onto the trees. Nitrosol was chosen to bring these trees back to life and much to the relief of all concerned, Nitrosol was effective in preventing the death of the trees and they made a full recovery.

Another example in the Bay of Plenty, a mature avocado orchard was struggling. The trees were sickly with chlorosis of the leaves. Nitrosol was sprayed onto these leaves with tremendous results, the trees quickly recovered with all signs of leaf chlorosis due to nutrient deficiency overcome with healthy new foliage.

Avocados are tropical plants and even if soil tests show that there is a good balance of nutrients in the soil, cold or dry conditions can affect transpiration of water from the leaves which is the driving force of movement of nutrients from the soil to the foliage. Under these conditions nutrient deficiency in the foliage can occur. Foliar applied Nitrosol can provide the essential nutrients to the avocados and prevent deficiencies.

In the damp soils of New Zealand, phytophthora infection is common and can also cause nutrient deficiency. Phosphonic acid antifungal remedies are relied on by the industry to fight this ever-present risk. Nitrosol forms an important role to provide much needed nutrient to the avocados while they are being treated with phosphonic acid which helps them resist the fungal attack. Some technical advisors even combine phosphonic acid with Nitrosol for foliar application.

Note: This should be done with their consultation.

The last laugh



The road to celibacy.

Many aspects of human sexuality are very puzzling, take celibacy. This can be a choice in life, or a condition imposed by environmental factors. While attending a Marriage Encounter Weekend, Robert and Mary listened to the instructor declare 'It is essential that husbands and wives know the things that are important to each other.' He addressed the men. 'Can you each name and describe your wife's favourite flower?' Robert leaned over, touched Mary's arm gently and whispered, 'Self raising, isn't it?' Thus began Robert's life of celibacy.

Credit card payments



Visa / MasterCard only

Nitrosol Ltd has the facility to accept Credit Card payments. You will need to have a current email address. Please contact us on **0800 80 30 60** and we will be happy to explain the procedure.

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We're excited to bring you special offers, industry news, and relevant information on our social media platforms.



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Biological Fertilisers

