



magnify
nitrogen
response
30 : 1 **

1000-3000 kg
extra growth
up to and
beyond
4 months

Magnify :

- nitrogen fixation
- plant growth
- animal performance

Balance profitability
+ sustainability

 magni-Grow

a powerful bio-stimulant
with a primary focus
on plant growth



 magnify



What the experts say...



We improved grass growth enabling us to reduce supplements & improve profits significantly.

We've reduced our nitrogen from 290kg to 96kgN. Two applications of Magni-Grow has increased growth by over 3000kg. It grows much stronger in the colder months as well. Quite simply - it works!

John and Jacky Tanner, Leeston



Magni-Grow with 6kgN added has increased grass yield by 22% .

If pasture yield was 12 ton then that's 2640 kg extra. This is the 6th trial Stan has done with Magnify products and all have been very successful with gains of 1000-3200 kg within 4 months. (8-22% extra)

Reported by Stan Winter, Southland



Magni-Grow stimulated yield ~2.5 tons (32%) in our last wheat trial. Balclutha, 2016

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What and why ...

A blend of enzymes and organic acids from soil microbes that promote plant growth and stronger regrowth. With consistent use of Magni-Grow, pastures regrow better and better to produce dense, sweet grass that stock find highly palatable.

Knock-on benefits

Nutrient release increases, soil temps increase, water retention in summer improves. Many factors contribute towards gains, which are over 20% in most cases, given a few seasons and repeat applications.



Get nature working

... for you. The world of soil microbiology is far from most farmers' thoughts, yet it provides the best solutions to pesky environmental issues, with production gains.

Invisible soil bacteria transform atmospheric nitrogen into 'plant-available nitrogen', while others like Pseudomonas bacteria emit growth stimulants that increase the growth of plant shoots & roots. More growth with less nitrogen in the plant can reduce leaching by 70% and it's ultimately a lot more profitable.

How to gain ...

Add to your existing regime or begin to replace some of your existing fertiliser. Two or three applications per year is most common on dairy farms - and one or two on sheep & beef farms. Magni-Grow is a liquid that can go through normal spray equipment or centre pivots. You can choose to add nitrogen for an extra short term kick. Water rates are >70-200L /ha for best results.

**30 : 1 nitrogen response is a conservative growth guideline figure eg a dairy farm using 290kgN reducing to 90kgN. In fact, with 4-6kg of liquid N we have had responses of over 250:1. Increasing the natural N allows this to happen.

Soil nitrogen

Ironically there are 78 tons of atmospheric nitrogen above every hectare of your farm. However only a few specialist soil bacteria, like rhizobia, bacillus and azotobacter, can convert this atmospheric nitrogen into 'plant-available nitrogen'. Magnifying their numbers reduces 'bagged' nitrogen requirements. The source of plant N changes from synthetic to natural. This is just one of many beneficial groups of microbes Magni-Grow multiplies and intensifies.

