



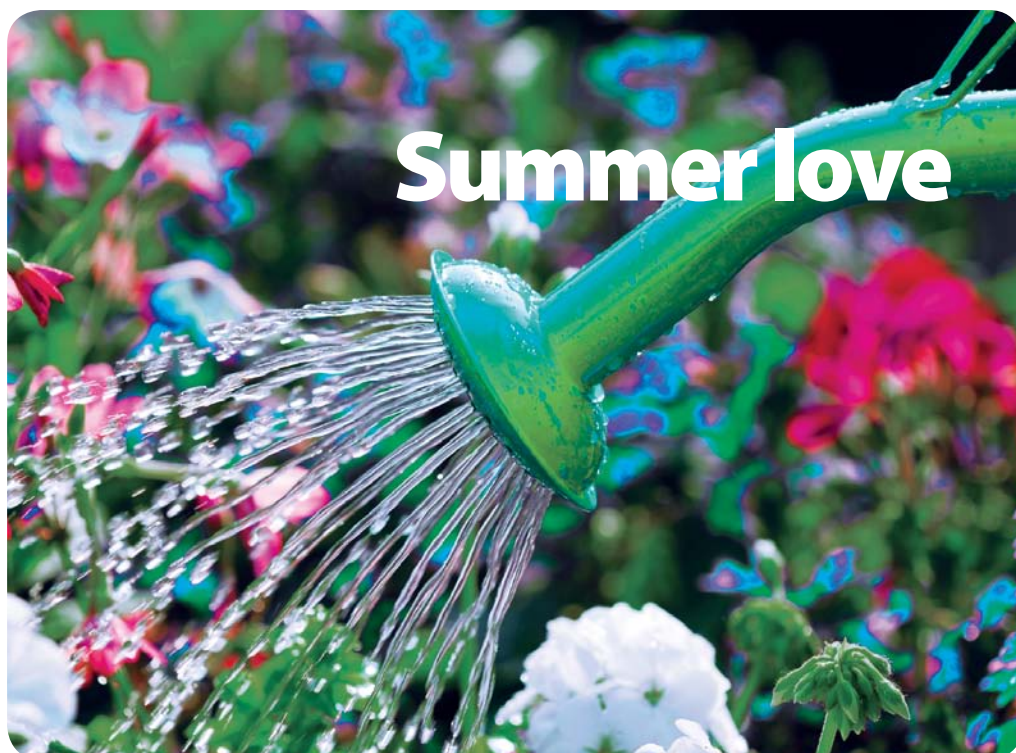
## Year round fertilising for year round health

Summer is the most stressful time for plants and lawns – they have expended their energy in spring and now need to withstand the onslaught of summer. Applying an organic fertiliser to your garden (either Seamungus, Rocket Fuel, Bounce Back, Rooster Booster) and lawn (either Seamungus Green or Blade Runner) and supplementing each application with some GOGO Juice, not only supplies sufficient nutrition to get through to autumn, but will also enhance root growth.

Increased root development provides your plants with a greater soil surface area from which they can draw nutrients and moisture = saves water.

Like humans and animals, plants require regular feeding throughout the year – at least once in each season.

Happy, healthy, well nourished plants are more resistant to pests, diseases, heat stress and frost.



The photo above was sent in by Yvonne who is an active member of the Melbourne Clivia Group, the Toowoomba Clivia Group and Wangaratta Garden Club. Yvonne trialed an application of GOGO Juice on her potted violas and the results speak for themselves . . .

**the GOGO was applied to the pot on the left!**

**Send us your own amazing Neutrog product success stories. Upload a photo to facebook or email to [info@neutrog.com.au](mailto:info@neutrog.com.au)**

Now available  
in a 2 litre reusable  
application spray pack



## On the GOGO

Recent shelf life tests have shown that parsley grown with GOGO Juice lasted up to 6 days – over double that of the control parsley that didn't receive the GOGO Juice application.

In addition to the many commercial growers who are now using GOGO Juice, some of the more recognised users include **AAMI Stadium, Flemington Racecourse & the Royal Botanic Gardens Sydney.**

For more information and technical details see the Commercial GOGO Juice brochure on page 5.





## Rose growing advice from Dr. Bruce Chapman

Dr. Bruce Chapman is one of Australia's most respected Rosarians and his accomplishments are many. Bruce was awarded the prestigious Australian Rose Award in 2006, received Life Membership of the Rose Society of Victoria in 2003 and served on the Committee for 17 years.

He served as Victorian Representative for the Rose Breeders' Assoc.

for six years and in

2007 received the

ARBA Alister Clark

Award for rose breeding

and the T. A. Stewart Memorial Award (a joint Australian/New Zealand honour).

For over 20 years Bruce has been a very successful exhibitor, lecturer and eminent judge at rose shows around Australia. In more recent years Bruce has enjoyed breeding roses at his residence in Melbourne. His most successful rose is the superb bright pink Floribunda, Flemington Racecourse, which has won many championships and awards. Bruce's other varieties include Amazing Grace 07, Melbourne Town, Red Gem and Joyce Abounding. His most recent is the award winning Dame Nellie Melba.



With 60 years of gardening experience and an analytical approach to rose culture, Bruce is well qualified to give advice on all areas of rose growing. He has agreed to share his knowledge on "growing roses in pots" and provide a few tips on general rose growing as well.

**1.** I grow most of my potted roses in 30 cm diam. pots for ease of handling, but a 40 cm pot will give better results. If it is intended to plant the rose in the garden at a future time the 40 cm pot will prove somewhat cumbersome. To avoid injury pots should be moved with a trolley.

**2.** Rather than using concrete, porcelain or terracotta pots, I prefer to use terracotta coloured plastic pots. These are obtainable with more than one drainage hole (good drainage



is essential for healthy roses) and are much lighter making handling and repotting much easier, besides having a good appearance. Of course, if aesthetics is of no importance, black pots are satisfactory and much less expensive.



**3.** For best results when growing roses in pots, I find they should be repotted during the dormant season.

First, prune the bush,

then remove from the pot (a pruning saw around the inside edge will help release the plant); cut away the bottom third with an old pruning saw; lightly cut back the side of the remaining root ball and gently tease the root fibres which may be trimmed with secateurs. Now repot in the same size pot with fresh potting mix. At this stage the bush may be placed in a larger pot only if desired.

*continued next page >*



Rose growing advice from Dr. Bruce Chapman continued

4. When buying potting mix ensure it has the Australian Standard certification marked on the bag. This will appear as a black rectangle with five ticks for a standard mix or a red rectangle with five ticks for a premium mix. The premium mix has added fertilisers and wetting agents and is consequently more expensive.



In my case we have about 150 pots. Using a premium mix would be far too expensive as I repot annually. To cut costs, I buy an inexpensive standard certified product, pour into a wheelbarrow, add 4 dessertspoons of Saturaid and ½ a mug of controlled release fertiliser and mix. After re-potting no further feeding is required for 6 months. Remember to wear gloves and a mask and wash thoroughly after handling the potting mix. The same should apply for organic fertilisers.

5. If a climber is growing in a tub or pot it is advisable to situate the pot or tub on a table or stand the same height as the container. When the time comes to repot, remove the stand, then drop the pot downwards thus exposing the root ball. This enables the repotting to be performed without damaging the plant.

6. When using Neutrog Sudden Impact for Roses in the garden do not over fertilise. A little often is far more effective than large overdoses which can be harmful to the plant. Read the manufacturer's directions and fertilise accordingly.

My rose garden occupies 100 sq. metres. This requires 10 litres (a bucketful) of Sudden Impact for Roses pellets which are spread evenly around the drip lines of the plants making certain by careful division of the area that the 10 litres covers the whole area without requiring more. In November a light feed is recommended. I use Neutrog Seamungus 10 litres only if the plants are performing well or if I feel a slightly stronger feed is required I use 5 litres Seamungus and 5 litres Sudden Impact for



Roses mixed together. Remember these quantities are for a 100 sq. m. garden and it is most important not to over fertilise.

For pot feeding, I prefer Neutrog Strike Back for Orchids. As the rose is growing in a confined space, Strike Back for Orchids has the advantage of a higher percentage of trace elements than Sudden Impact for Roses with only a slight variation in N.P.K.

7. In May I like to test the soil pH. This is done with a simple colour coded tester. These can be obtained from most nurseries. The ideal pH range for growing roses is 6.5 to 7. Any variance away from the desired pH should be covered in the directions. A more detailed description of rectifying any variation is given in Kevin Handreck's book *'Gardening Down Under'*.

It is most important to have the pH correct otherwise the benefits of fertilisation will be reduced.



8. It is recommended that when a rose bush is to be replaced by another rose bush at least a barrow load of soil from that area should be removed with any

remaining roots and replaced by compost and soil that has not grown roses recently e.g. the vegetable patch. The original soil is said to be "rose sick soil" and the new bush will not perform in it.

This involves a considerable amount of work. Therefore one must be certain that the new bush is exactly what is required before planting. To make sure I plant the new bare-rooted rose bush in a pot and trial it. Not infrequently it does not appear as in the catalogue picture or I have received the wrong cultivar from the nursery. In other words it does not live up to my expectations; however no effort has been wasted with unnecessary soil preparation.

By December a decision can be made, if "thumbs down", an ideal potted Christmas present. If "thumbs up" by February the bush will have established a good fibrous root system (which will help it compete with neighbouring roses) and can be planted in the prepared ground with a very light root tease.

9. Finally, have you tried growing miniature roses in hanging baskets? We have **'The Fairy'**, **'Green Ice'** and **'Flower Carpet'** growing in 40cm diam. baskets on our front verandah. The baskets have an outer layer of coconut fibre and an internal plastic lining with perforations in the bottom to help keep the potting mix stay moist.

Enjoy your garden and may you be rewarded with many beautiful blooms.

Bruce Chapman

## Rocket Fuel is flying



Now available in a 6kg & 15kg bag, Rocket Fuel has been flying off the shelves around Australia.

With Christmas around the corner now is the time to encourage one of your loved-ones to get out into the vegie patch (possibly even for the first time!) with a practical gift – Rocket Fuel and a packet of seeds. Part proceeds of Rocket Fuel sales support the work of the Stephanie Alexander Kitchen Garden Foundation, so you will also be helping to get kids into the garden at primary schools around the nation.

## STOP PRESS

### La Vie en rose

Neutrog has recently delivered some Sudden Impact for Roses and Seamungus to the famous, Parc de la Tete d'Or (literally, Park of the Golden Head) an urban park of some 117 hectares in central Lyon, France and is home to 4 major rose gardens and a rose trial garden within – the 17th World Federation of Rose Societies convention is being held there in June 2015.



## It's just Gyganic



In keeping with the 'Experts Choice' commercial field trials on a variety of crops are currently underway and a number of bags were recently provided to members of the Rare Fruit Society to try.

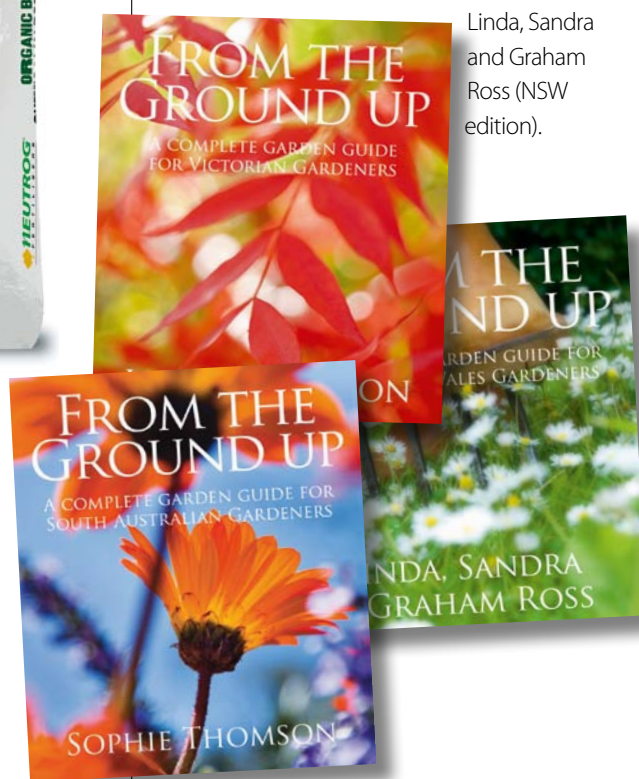
Stay tuned for reports in future editions of feedback.

## Gifts for Christmas

**From the Ground Up** is a complete and comprehensive guide for gardeners. Packed full of magnificent photographs, these books will allow you to visually identify everything from the best plants for your garden to the pests and diseases causing your plants grief.

There are three editions available authored by leading gardening experts: Sophie Thomson (SA edition), Jane Edmanson (VIC edition) and

Linda, Sandra and Graham Ross (NSW edition).



## It's not just cricket

If you have been tuning into the cricket lately it may interest you to know that Neutrog products are used on the GABBA where Australia & New Zealand recently played the first Test Match in Brisbane – Seamungus is regularly applied to that stadium.

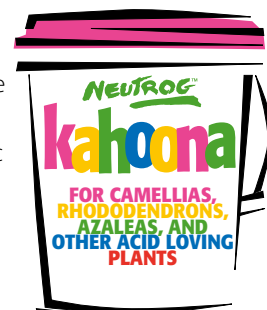
Neutrog products are also used on Sahara Park Newlands, in Cape Town, South Africa where the first Test Match in the previous series was played between Australia & South Africa.



## Kahoona riding the wave

For Camellias, Azaleas, Rhododendrons and acid loving plants. It's been trialled successfully by the SA & NSW Camellia Societies and on the Rhododendrons at the Mt. Lofty Botanic Gardens in South Australia.

To be released in 2012.





# GOGO Juice

## About GOGO Juice

GOGO Juice is literally teeming with beneficial micro-biology and is essentially a pro-biotic for your soil and plants.

GOGO Juice combines the "catalytic" power of billions of beneficial bacteria with the well documented benefits of applying kelp, seaweed, fish, coal and lucerne.

Commencing nearly 10 years ago in a small 20 litre anaerobic beer brewing vessel, it has since developed into a series of commercial stainless steel vats, utilising an aerobic brewing system where oxygen and heat are controlled to optimise bacterial activity throughout the 6-8 week brewing period.

The carefully selected microbes have been proliferated utilising complex carbohydrates and sugars through a unique aerobic brewing system in which kelp, seaweed, fish, coal and lucerne have been digested by these bacteria.

Hence, GOGO Juice not only contains a wide variety of bacteria that perform many beneficial functions within the soil, but it also contains numerous other beneficial elements such as natural growth hormones, humic and fulvic acid, amino acids, vitamins and alginates etc (derived from those digested organic compounds), all of which also serve to enhance soil and plant performance.

The resultant product provides a huge boost of the living micro-biology necessary for your soil and plants to perform at their optimum level, increasing their ability to resist pest and disease and to withstand heat stress and frost.

"Just try it" and judge its performance for yourself!



GOGO Juice trial results on parsley at Virginia in South Australia.

## GOGO JUICE includes:

### Beneficial Bacteria:

Including but not limited to:

- **Pseudomonas** – aid in breaking down organic materials including crop, stubbles and thatch.
- **Bacillus** – aid in unlocking phosphorus.
- **Azotobacter** – aid in nitrogen fixation.

### Alginates:

Aid in moisture retention, and consequently in the plant's ability to withstand heat stress and frost.

### Humic/Fulvic Acid:

Humic Acid increases nutrient uptake, drought tolerance and seed germination, and Fulvic Acid is in essence, the principal 'active' ingredient in Humic Acid.

### Amino Acids:

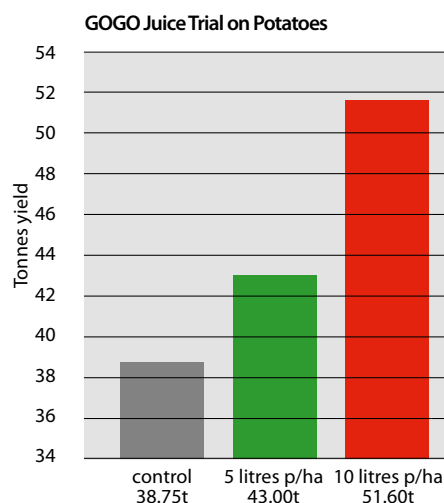
Building blocks for proteins; important in the metabolic process.

### Vitamins:

B1, B2, B3, B6, C, E, Choline, Pantotene, Carotene.

### Natural Growth Regulators:

- **Cytokinins** – promote cell division in plant roots and shoots.
- **Auxins** – essential for plant body development. Also co-ordinate many growth and behavioural processes in a plant's life cycle.
- **Triacontanol** – these growth regulators are responsible for promoting root growth and bud production.



## Applications

Apply 5-10 litres per hectare in a minimum dilution of 1:100 (the higher the dilution the better). Lower dilution rates can be utilised if applying to moist soil in the cool of the day. If you have any queries please contact your Neutrog representative.

Apply monthly or as required.

### Filtered to 120 microns

### Storage and use

GOGO Juice contains live organisms – do not mix with fungicides or bactericides. Store in a cool place, away from direct sunlight below 30 C. Gloves should be worn at all times when handling microbial products. Use diluted product within one (1) week of dilution.

Analysis		%W/V
Nitrogen (N)	as organic	1.00
Phosphorus (P)	as citrate soluble	0.05
Potassium (K)	as organic	0.15
Calcium (Ca)	as organic	0.15
Magnesium (Mg)	as organic	0.07
Sodium (Na)	as organic	0.19
Sulphur (S)	as organic	0.04
Boron (B)	as organic	1.00
Copper (Cu)	as organic	2.00
Zinc (Zn)	as organic	1.00
Humic Acid	as organic	3.50
		mg/L
Manganese (Mn)	as organic	12.00
Iron (Fe)	as organic	29.00
Cobalt (Co)	as organic	0.04
Molybdenum (Mo)	as organic	0.50



**Just try it.**



### Join the Pooh Bah Club

Become a member of Neutrog's Pooh Bah Club to receive regular updates on Neutrog, its products and their applications. To join, register your email address at [www.neutrog.com.au](http://www.neutrog.com.au)



Follow us on **facebook** via the link on our website, click the 'like' button and join us for regular updates. All comments, questions, photos and feedback are welcome.



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