

## APPLICATION & RATES GUIDE

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Thank you for purchasing our products. We hope this is the start of a great new friendship, and hope our products work as well for you as they are for many others across Australia.

Most of our products are made from natural and organic materials, and nearly all our products that contain chemicals, are combined with natural products. By doing this, it allows us to reduce the amount of chemicals used, but still provide great products that work as well as (or better than) our competitors. Our products work with nature, therefore are more efficient, allowing nature to make the most of all ingredients, meanwhile improving the soil gradually with each application.

After all, it's not rocket science..... If you work with nature and help improve growing conditions by improving soil, and add food for beneficial organisms, your lawn and plants will grow better, needs less watering & fertilising, be more stress tolerant and be prone to less insect and disease attack.

We recommend that our products be applied all-year round. Fortnightly in the hotter/drier months, progressing to monthly during the cooler/wetter months. Most people think that during winter their lawns & plants become dormant, some areas of Australia they might, but in many regions the soil doesn't get cold enough to go completely dormant. Therefore plants, lawns, soil microbes still need feeding to ensure they stay healthy. By continuously feeding throughout the year, it helps everything cope with the extremes of winter and more importantly during the heat in summer. People that condition their soil during the cooler months will notice (compared to their neighbours) that they experience a higher resistance to disease and pest attack, and the heat/cold stress will affect them less.

### Some helpful information....

Most of our liquid products can all be mixed and applied together, (The liquid iron products don't like to be mixed as concentrates except Stimulizer, so add after the water has been added or apply separately if using a hose-on bottle and add after the water in watering can or pressure sprayer). Or they can be applied separately at various frequencies, based on the soil/plant/lawns requirements and condition.

Unfortunately, as there are a million things that effect the exact amount needed and the frequency of application for each product, there is no one fits all solution. Hence why the experts seem to always have nice looking gardens and lawns and the rest of us struggle... haha.

Regarding application, there are several ways our liquids can be applied.....

**Watering can:** mix the amount suggested (typically 10-30ml)/9 litres of water.

**Hose-on Bottle (Seasol/weed 'n feed etc.) or hortex sprayer:** mix the minimum amount of water with the product/s to allow you to cover the required area/s. For example, for my front yard, using an old weed n feed hose-on bottle I add 100ml of each Seaweed Secrets, Activ8mate and Natures Soil Wetter, then top up with enough water to allow you to evenly cover it using the hose-on bottle (I add about 600ml water), then evenly hose-on. If using a Hortex sprayer on setting 2 without the restrictor, you shouldn't need to add water, but if you do, just add as little amount to cover the required area.

**EZFLO Fertigation System** (We sell them on our site): An easy way to apply concentrated fertilisers to your lawn, plants and gardens. As easy as adding your concentrated liquid fertilisers (together if they are compatible) directly into its cannister, connect to the hose or irrigation system, adjust the setting to the dilution rate/amount of fertiliser to be applied (4 settings from fast to slow that correspond to the recommended application rates on the products) and away you go. If connecting to a hose, you can hose straight on with your normal hose nozzle or even connect a sprinkler (and timer if you like) and let it do the hard work for you. Great for small lawn maintenance businesses or larger properties too as you can set and leave, then move to the next area as required, fertilising whilst you're doing other maintenance.

**Pressure/knapsack sprayer:** All our products will benefit the soil and last longer when in the soil, so applying with enough water to get them into the soil is key. As they are supercharged with complex organic compounds, the leaf absorbs what it needs within minutes, so don't need to stay on the leaf. Therefore, you need about 15 litres (a little more or less won't hurt) of water to be applied per 100m<sup>2</sup>, so take that into consideration when applying. If you have a smaller sprayer, either do several smaller applications i.e. covering 50m at a time and repeat until the entire area is covered, or over a larger area spray with the required amount and if you haven't used 15 litres/100m<sup>2</sup>, give a light water-in.

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See below for our best-selling products & their uses incl. application rates:

**Seaweed Secrets** = This concentrated premium liquid seaweed is super boosted with complex organic compounds to supercharge it and is a great rescue remedy for wilting, sick or unhealthy plants. Provides a range of macro-nutrients to the plant and soil.

**Apply: 100ml/100m<sup>2</sup>, every 2-4 weeks, but can be applied weekly if required.**

**Activ8mate** = A super all-purpose concentrated liquid Fertiliser, containing a unique blend of nutrients, blood & bone, Seaweed, Fish, PSG (Peruvian Seabird Guano), humic and fulvic acid, and triaccontanol. It's also a great beneficial microbe food and soil improver.

**Apply: 75-100ml/100m<sup>2</sup>, every 2-4 weeks**

**Natures Soil Wetter** = A super concentrated plant-derived, nonpetrochemical surfactant, soil wetter and improver. Helps water penetrate the surface of the soil and allows for improved water holding within the soil. Suitable for all environmentally sensitive areas.

**Apply: 100ml/100m<sup>2</sup> – every month, more often if trying to adjust the soil structure greatly, use 300+ml if treating once every season.**

**Champion Lawn and Turf Fertiliser** = A slow release granular fertiliser made for lawn and turf, lasts up to 3 months. Contains VolcaMin Zeolite which absorbs excess nutrients (and releases to the plant/lawn when needed) to reduce the amount of leaching (excess run-off) of the nutrients, allowing you to use less and last longer.

**Apply: 20-40gm/m<sup>2</sup> (2-4kg/100m<sup>2</sup>) evenly over required area by hand or fertiliser spreader every 2-3 months during the warmer months and less often during the cooler months. If in cold regions or during colder months, fertilising may not be required. Consult your local garden expert.** The Champion Lawn and Turf Fertiliser can be applied either in conjunction with the liquids or instead of. This is a slow release granular fertiliser than will continue to feed the lawn for up to 3 months, whereas the Seaweed Secrets and Natures Soil wetters are more to help improve (condition) the soil structure, the Activ8mate helps fertilise the lawn/plants but also helps condition the soil and feeds the microbes in the soil. The liquids will start working immediately, but only last for a couple of weeks, hence why the quicker reapplication requirements.

**Other great products:**

**VolcaMin Zeolite** (landscape grade) = Holds more than 60% of its weight in water, so a great long-term (cost effective) water saving solution. Traps and holds nutrients (fertilisers) and releases to the plant/grass when needed, helping reduce chemical usage and wastage. Improves soil structure and creates a home for beneficial microbes. Can be blended with granular fertilisers prior to application to reduce chemical usage and nutrient run-off. can reduce chemical burn from cheap/volatile fertilisers.

**Apply 50-100gm/m<sup>2</sup> annually or when renovating garden or turf.**

**Stimulizer** = A super-concentrated Bio-stimulant which can be added to all liquid additives to enhance their uptake by all plants, trees and lawns. A root stimulant, helps with root-rot, can help detox soils and is a great microbe food. **Just add 3ml/100m<sup>2</sup> to any liquid product.** Following the label or just add 3ml to any liquid product to improve its uptake and performance. (i.e. glyphosate/herbicides, liquid fertilisers, soil conditioners or use on its own).

**Humic acid** (Liquid = Quantum H, Soluble powder or non-soluble Granules) = Helps improve soil structure (all types). Adds carbon and organic matter to the soil. Helps retain water in the soil, great microbe food, can help detox soils and buffer pH issues. Can be blended with High nitrogen-based fertilisers to maximise their output and buffer the soil, can reduce chemical burn from cheap/volatile fertilisers.

**Apply:**

**Liquid (Quantum H) @ 50-75ml/100m<sup>2</sup> every month;**

**Soluble powder @ 10-30gm/100m<sup>2</sup> every month;**

**Granular @ 5-15kg/100m<sup>2</sup> every 3 months**

**Iron (Fe)** is a vital micro-nutrient required by plants to form chlorophyll. And chlorophyll is what gives plants/lawn their green colour. Iron deficiency occurs when there is either not enough iron in the soil, or the iron is tied up and unavailable due to high pH (alkaline soil), or poor aeration. It can also be induced by an over-abundance of calcium in the soil or an over-application of lime. **Comes in Liquid, partly soluble powder & chelated form. Search for it on our website for more information.**