



PRODUCT USAGE GUIDE

Thank you for choosing Plant Doctor. This guide has been designed to help you get the best results from your products by providing recommended application rates, mixing instructions, and usage tips. Follow the guidelines for each product and application method, and if you need any assistance, our team is always here to help.

PRODUCTS

2	Activ8EXTRA
2	Activ8mate
2	Champion Lawn & Fairway 2-4mm granular fertiliser
2	CHAMPION Lawn & Greens Mini-Prill Fertiliser
3	Dolomite Granules
3	Flowers, Fruits & Roots - Granular
3	Flowers, Fruits & Roots - Liquid
3	Fulvic Acid Liquid
4	Fulvic Acid Powder >92%
4	Gypsum Granules 1-2mm Mini Prill
4	Humate / Humic Acid Granules (45-50%)
4	Humic acid 80% (Humate) Powder - 99% Soluble
5	Iron Chelate Microgranules
5	Iron Sulphate Heptahydrate Powder
5	Lawn Envy
5	Lime Granules 1-2mm Slow Release
6	Liquid Iron Fertiliser - 7% Iron 3% Sulphur
6	MaxGreen Hi-N & Iron liquid fertiliser
6	Micronised Gypsum Liquid
6	Nature's Soil Wetter - Liquid
7	Nature's Soil Wetter granules
7	Neem Fertiliser Slow Release Granules
7	Neem Seed Oil - 100% Cold Pressed virgin oil
7	Quantum H
8	Rescue Remedy
8	Roots, Shoots & Leaves - Granular
8	Seaweed Secrets
8	Stimulizer
9	VolcaMin - Premium Clinoptilolite Zeolite
9	Worm Magic Casting Pellets
9	Worm Magic Liquid Compost Tea

PRODUCT	APPLICATION	NOTES	BENEFITS	SUPERPOWERS
 ACTIV8EXTRA	RATE: 75–100mL per 100m ² MINIMUM DILUTION: 1:100 FREQUENCY: Apply fortnightly during spring and summer. Reduce frequency and/or application strength during cooler months. Suitable for year-round use to support soil biology	Agitate well before use. Apply with sufficient water for even coverage and lightly water in if required. You can choose to lightly water in or leave on the leaf to dry prior to a light watering. Suitable for foliar, soil and fertigation applications. Compatible with most liquid fertilisers; always jar test before tank mixing.	A high-performance liquid fertiliser and soil conditioner that promotes rapid green growth while improving soil biology, nutrient availability and plant resilience. Helps inoculate turf, grass and soil, supports the conversion of fertilisers into plant-available nutrients, improves water penetration, reduces runoff and helps stabilise nutrients within the rhizosphere for longer-lasting plant access.	☑ Traditional 16-2-5 NPK ☑ Enriched with seaweed extract, fish, blood & bone, humic acid and fulvic acid ☑ Feeds beneficial microbes ☑ Buffers salts ☑ Increases micronutrient availability ☑ Improves nutrient use efficiency ☑ Creates a healthier root zone by enhancing soil aeration, microbial activity and nutrient cycling.
 ACTIV8MATE	RATE: 100mL per 100m ² MINIMUM DILUTION: 1:100 FREQUENCY: Apply fortnightly during warmer months for active growth. During cooler months, reduce frequency or apply at a lower strength. Suitable for year-round soil and plant health programs.	Shake well before use. Apply evenly across lawns, gardens, vegetables, trees and natives. Light watering after application helps move nutrients into the soil and activate microbial processes. Suitable for foliar, soil and fertigation applications. Avoid mixing with iron products.	A complete liquid fertiliser and soil conditioner that feeds lawns, plants and trees while improving soil biology, nutrient availability and root zone health. Helps stabilise nutrients in the rhizosphere, keeping them available for longer and improving nutrient efficiency. Supports stronger growth, healthier roots and improved resilience to environmental stress.	☑ Traditional 8-1-4 NPK ☑ Enriched with seaweed extract, fish, humic acid, fulvic acid, trace elements and beneficial microbial stimulants ☑ Supports microbial activity ☑ Improves nutrient conversion and chelation ☑ Enhances soil structure ☑ Increases water retention ☑ Helps stabilise nutrients within the rhizosphere for longer plant availability.
 CHAMPION LAWN & FAIRWAY 2-4MM GRANULAR FERTILISER	RATE: 20–40g per m ² (2–4kg per 100m ²) FREQUENCY: Apply every 8–12 weeks during the active growing season (spring to autumn). Provides up to 3 months of sustained nutrition. Apply at 1/2 the rate during Autumn and Winter	Apply evenly using a broadcast spreader. Water in lightly after application to activate nutrients. Avoid applying during the heat of the day or when temperatures exceed 30°C. Suitable for residential lawns, fairways, tees, sports turf and professional turf applications.	A premium slow-release mineral fertiliser that provides consistent nutrition for greener, denser and more resilient turf. Improves nutrient efficiency, reduces leaching and runoff, strengthens plant growth, and supports better stress tolerance, disease resistance and long-term turf performance. Includes Volcamin Zeolite Technology which acts as a natural molecular sieve and nutrient-holding “super sponge”, using its negative molecular charge to capture and retain positively charged nutrients like iron, nitrogen and potassium.	☑ 15.1-3-8.9 NPK ☑ 7.3% Silica ☑ 3.8% Sulphur ☑ 3.4% Iron ☑ VolcaMin Zeolite technology ☑ Helps stabilise nutrients in the soil, releasing them gradually when plants and microbes require them for sustained growth.
 CHAMPION LAWN & GREENS MINI-PRILL FERTILISER	RATE: 20–40g per m ² (2–4kg per 100m ²) FREQUENCY: Apply every 8–12 weeks during the active growing season (spring to autumn). Provides up to 3 months of sustained nutrition. Apply at 1/2 the rate during Autumn and Winter	Apply evenly using a suitable spreader for fine turf applications. The 1–2mm mini-prill size provides excellent distribution across low-cut lawns, greens and high-performance turf. Lightly water after application to activate nutrients and minimise the risk of leaf burn.	A premium greens-grade slow-release mineral fertiliser designed for fine turf, low-cut lawns and professional sporting surfaces. Provides an initial colour response followed by sustained feeding for up to 3 months, improving turf density, durability, colour and resilience while reducing nutrient loss through leaching and runoff. Includes Volcamin which acts as a natural molecular sieve and nutrient-holding “super sponge”, capturing and gradually releasing nutrients through cation exchange.	☑ 16.8-1.1-9.1 NPK ☑ 8% Silica ☑ 3.15% Iron ☑ VolcaMin Zeolite technology ☑ Essential trace elements ☑ Helps stabilise nitrogen ☑ Improve phosphorus availability ☑ Retain iron in the root zone ☑ Strengthen plant cells through high silica levels for improved heat, drought, disease and wear tolerance.



These products can be safely mixed together as concentrates



These products should be applied independently



These products should be watered in



Soil drench



Foliar



Fertigation



Hydroponic



Hose On

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 DOLOMITE GRANULES	RATE: 5kg per 100m² (application rate may vary depending on soil pH and magnesium levels). FREQUENCY: Apply during autumn or early spring for best results. Can be used as part of a regular soil improvement program or before planting and lawn establishment.	Test soil pH and magnesium levels before application. Apply evenly across the area and water in to help granules break down and begin correcting soil conditions. Avoid over-application, as excessive use can create nutrient imbalances.	A soil conditioner that helps neutralise acidic soils while supplying essential calcium and magnesium for stronger roots, healthier plants and improved nutrient availability. Creates a better growing environment by improving soil structure, aeration and nutrient uptake.	☑ Calcium Magnesium Carbonate (Dolomite) ☑ Provides calcium to support stronger cell walls, root development and soil structure, while magnesium supports chlorophyll production and photosynthesis. ☑ Helps optimise soil pH, unlocking nutrients such as nitrogen, phosphorus and potassium for improved plant performance.
 FLOWERS, FRUITS & ROOTS - GRANULAR	RATE: 2–5.5kg per 100m² depending on plant type. ☼ Roses: 70g per m² ☼ Fruit trees: 20–40g per tree. ☼ Pots: 2g per litre of potting mix. ☼ Turf: 20–40g per m² FREQUENCY: Apply during active growth, flowering and fruiting periods. Suitable for year-round use where plants require additional potassium and mineral nutrition.	Apply evenly around plants and water in well after application. Suitable for flowers, vegetables, herbs, fruit trees, ornamental plants and lawns. Use caution with phosphorus-sensitive natives such as grevilleas, banksias and proteas.	A high-potassium mineral fertiliser designed to support stronger roots, vibrant flowers, improved fruit development and healthier plants. Provides balanced nutrition to enhance flowering, fruit quality, plant resilience and long-term soil fertility.	☑ 8-2-20 NPK ☑ 8.8% Sulphur ☑ 6.9% Silica ☑ Calcium ☑ Magnesium ☑ Essential trace elements ☑ High potassium supports flower initiation, fruit development and stress tolerance ☑ Silica strengthens plant cells ☑ Minerals such as zinc, manganese, boron and iron support healthy growth, flowering and nutrient metabolism
 FLOWERS, FRUITS & ROOTS - LIQUID	RATE: 80–120mL per 100m² depending on plant type ☼ Ornamentals: 10–20mL per 8L water ☼ Vegetables: 10–20mL per 8L water ☼ Trees, fruit, nuts & vines: 100–170mL per 100sqm. FREQUENCY: Apply every 4 weeks during active growth. Vegetables can be applied fortnightly when actively producing. Trees, fruit and vines can be applied every 6–8 weeks as required.	Apply evenly to soil or foliage during the cooler parts of the day. Shake well before use. Suitable for flowers, vegetables, fruit trees, herbs, ornamental plants and turf. Use caution with phosphorus-sensitive native plants.	A fast-acting high-potassium liquid fertiliser designed to support flowering, fruit development and stronger root growth. Improves nutrient uptake, encourages healthier blooms, supports fruit quality and helps plants recover during key growth stages.	☑ 9-7-19 NPK ☑ Humic Acid ☑ Seaweed Extract ☑ Essential trace elements including Iron, Zinc, Manganese, Copper, Boron, Magnesium and Molybdenum ☑ High potassium supports flowering, fruit fill and sugar transport ☑ Humic compounds improve nutrient availability, soil structure and root interactions ☑ Trace minerals support plant metabolism, seed development and overall plant resilience.
 FULVIC ACID LIQUID	RATE: varies depending on application type. ☼ Home garden: 15mL per watering can ☼ Hydroponics: 1800mL per 1000L water ☼ Foliar turf: 1450mL per 1000L water ☼ Broadacre: 3900mL per 1000L water/Ha FREQUENCY: Apply weekly or fortnightly as required throughout the growing season. Suitable for year-round use across turf, gardens, vegetables, fruit trees, hydroponics and agricultural systems.	Can be applied through soil, foliar sprays, fertigation or hydroponic systems. Compatible with most fertilisers, soil conditioners and crop inputs; always conduct a jar test before tank mixing.	A powerful bio-stimulant and soil conditioner that improves nutrient availability, enhances fertiliser efficiency and supports stronger root and plant growth. Helps unlock nutrients, improve microbial activity, increase stress resilience and promote healthier, more productive plants.	☑ High-grade fulvic acid organic compounds ☑ Acts as a natural chelating agent to bind and transport nutrients into plants ☑ Improves nutrient uptake efficiency ☑ Supports microbial activity ☑ Enhances root development ☑ Helps stabilise fertilisers within the soil. ☑ Small molecular structure allows rapid movement through plant tissues, improving nutrient delivery and plant performance.



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Soil drench



Foliar



Fertigation



Hydroponic



Hose On

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 FULVIC ACID POWDER >92%	RATE: varies depending on application type. - Fertigation: 500g–1kg per hectare - Foliar: 300–500g per hectare - Broadacre: 80–150g per hectare - Hydroponics: 5–10g per 10L water. FREQUENCY: Apply throughout the growing season as required. Particularly beneficial during seeding, transplanting, flowering, fruiting, nutrient deficiencies, and periods of plant stress.	Fully soluble powder suitable for fertigation, foliar sprays, soil drenches and hydroponic systems. Can be combined with fertilisers to improve nutrient efficiency. Always conduct a jar test before mixing with new products, especially selective herbicides. Store sealed and dry.	A highly concentrated bio-stimulant that improves nutrient availability, enhances fertiliser efficiency and supports stronger plant growth. Helps unlock bound nutrients, stimulate beneficial microbes, improve soil health and increase plant resilience under environmental stress.	>92% Fulvic Acid Concentrate CEC ~1400. - Acts as a powerful natural chelator, binding and transporting nutrients into plants while improving nutrient availability in the soil - Enhances microbial activity - Supports root development - Improves fertiliser performance - Helps plants better utilise available nutrition.
 GYPSUM GRANULES 1-2MM MINI PRILL	RATE: 100g per m² (10kg per 100sqm) Application rates should ideally be based on soil analysis and site requirements. FREQUENCY: Apply when soils are compacted, heavy clay, sodic, or calcium deficient. Ideal during soil preparation, before planting, or as part of an ongoing soil improvement program for lawns, gardens, orchards and landscapes.	Apply evenly across the soil surface and water in after application to assist movement into the soil profile. Suitable for lawns, gardens, landscaping, parks, ovals and agricultural applications. Works best as part of a balanced soil management program.	A slow-release calcium sulphate soil conditioner that improves soil structure, reduces compaction and supports healthier root growth. Helps improve water infiltration, soil aeration, nutrient availability and overall soil performance without significantly changing soil pH.	19% Calcium 14% Sulphur - Natural calcium sulphate that improves soil aggregation, helps displace excess sodium in sodic soils, enhances water movement through clay soils and supports stronger root zones 1–2mm mini prill granules provide even spreading with minimal dust.
 HUMATE / HUMIC ACID GRANULES (45–50%)	RATE: 2–5kg per 100m² depending on plant type - Lawns & turf: 2–5kg per 100m² - Gardens & plants: 2–5kg per 100m² or a handful per plant/pot - Potting mixes: 2.5–10% inclusion rate. FREQUENCY: Apply every 3 months as part of an ongoing soil improvement program. Ideal before planting, during establishment, after fertiliser application, or whenever soils have poor nutrient availability, low organic carbon or reduced microbial activity.	Apply evenly by hand or broadcast spreader, then water in to activate. Suitable for lawns, vegetables, fruit trees, crops, ornamentals and all soil types. Can be applied alongside fertilisers, side dressing programs, seeding and planting applications.	A concentrated organic soil conditioner that improves soil structure, nutrient retention and microbial activity. Helps stabilise fertilisers, increase nutrient availability, improve moisture retention and support stronger root development for healthier plants.	45–50% Humic Acid from Leonardite. - Improves cation exchange capacity (CEC) - Holds nutrients in the root zone - Supports beneficial microbes - Enhances soil structure - Helps reduce nutrient losses through leaching and volatilisation - Creates a healthier soil environment where plants can access nutrition more efficiently.
 HUMIC ACID 80% (HUMATE) POWDER - 99% SOLUBLE	RATE: varies depending on application type - Foliar: 1–3kg per 1000L water - Soil/Fertigation: 5–10kg per 1000L water - Home Gardens: 10–30g per 10L water - New Plants: 2g per litre of water FREQUENCY: Apply every 2–4 weeks during active growth, or as required when soils have poor nutrient availability, low organic carbon, salt stress or reduced biological activity.	Pre-mix powder in water before application to ensure complete dissolution. Apply as a soil drench, foliar spray or through fertigation systems. Can be used alongside fertilisers and biological inputs, but perform a jar test before mixing with other products.	Improves soil health by increasing nutrient availability, supporting beneficial microbes, improving water retention and enhancing fertiliser efficiency. Helps restore tired soils, reduce nutrient lock-up and create stronger growing conditions for lawns, gardens and crops.	80% Humic Acid from premium Leonardite 99% solubility - A concentrated potassium humate that acts as a natural soil conditioner, nutrient chelator and carbon source - Helps unlock phosphorus and other minerals - Bind salts and residues - Improve soil structure and support long-term fertility.

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 **Foliar**
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 **Hose On**

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 IRON CHELATE MICROGRANULES	RATE: varies depending on application type - Flowers & Vegetables: 10g per 10L water (covers 10m²) - Fruit Trees: 35g per 10L water (root zone application) - Roses, Shrubs & Ornamentals: 25g per 10L water per plant - Lawns: 25g per 5L water (soil drench) or 5g per 5L water (foliar spray) FREQUENCY: Apply from spring through autumn, especially at the start of active growth or whenever signs of iron deficiency appear, such as yellowing leaves, pale colour or reduced plant vigour.	Dissolve microgranules fully in water before application. Can be applied as a foliar spray, soil drench, pressure injection or through fertigation systems. Unlike iron sulphate, it is compatible with most fertilisers, but a jar test is recommended before mixing. Avoid contact with concrete and porous surfaces as staining may occur.	Quickly corrects iron deficiency and chlorosis while restoring deep green colour, supporting healthy leaf development, photosynthesis and stronger plant growth. Suitable for lawns, vegetables, crops, fruit trees and ornamentals.	✓ 13% Iron (Fe) as EDTA Chelate (130g/kg) ✓ Fully water-soluble microgranules provide highly available iron that remains stable in the soil ✓ Improves uptake and prevents iron from becoming locked away ✓ Fast-acting correction of yellowing leaves through improved chlorophyll production.
 IRON SULPHATE HEPTAHYDRATE POWDER	RATE: varies depending on application goal - Iron Deficiency: 20–30g per m² - Soil pH Adjustment: 25–35g per m² - Moss Control: 10–20g per m². FREQUENCY: Apply when lawns show signs of iron deficiency (yellowing between leaf veins), poor colour, alkaline soil conditions, or moss growth. For moss prevention, apply every 6–8 weeks from late autumn through winter and early spring. Reapply seasonally or as required based on lawn and soil conditions.	Apply evenly using a broadcast spreader or dilute in water and spray. Water thoroughly after application to activate the treatment. Avoid applying on windy days and wear protective gloves and a dust mask during application. Can stain concrete, paths and clothing.	A slow-release iron source that promotes deep green colour, corrects iron deficiency, supports healthier turf growth and helps improve soil conditions. The sulphur component helps gently acidify alkaline soils, improving nutrient availability and reducing moss growth.	✓ 19.5% Iron (Fe) ✓ 11.5% Sulphur (S) ✓ Slow-release ferrous sulphate provides a long-term store of iron in the soil, supporting chlorophyll production, photosynthesis and plant health while helping balance soil pH.
 LAWN ENVY	RATE: 2L Hose-on: Covers up to 200m². 1L Concentrate: Mix 1L concentrate into the 2L hose-on bottle or use with EZFLO fertigation systems. FREQUENCY: Apply year-round for ongoing lawn and garden health. Ideal during periods of nutrient stress, dull colour, dry patches, hydrophobic soils, post-mowing recovery and general maintenance.	HOSE ON: Simply connect the hose-on bottle and spray evenly across the lawn or garden. For refills, reuse the hose-on bottle with 4L or 10L concentrate packs. Can also be added to EZFLO systems for larger areas. CONCENTRATE: Shake well before use and apply during the coolest part of the day. Lightly water in after application. Apply separately from most liquid fertilisers and pesticides.	An all-in-one lawn and garden tonic combining fertiliser, seaweed, iron chelate, soil wetter and organic stimulants. Supports deep green colour, healthier roots, improved nutrient uptake, better water penetration and stronger growth in Australian conditions.	✓ 16-1-5 NPK + 1% Iron (EDTA) (Concentrate) ✓ 8-1-3 NPK + Iron (Hose on) ✓ Contains cold-processed Ascophyllum nodosum seaweed, Activ8EXTRA, humic & fulvic acids and Nature's Soil Wetter ✓ A complete biological and nutritional feed designed to simplify lawn care into one easy application.
 LIME GRANULES 1-2MM SLOW RELEASE	RATE: varies depending on application goal - Sandy soils: 50–75g/m² - Loam soils: 75–100g/m² - Clay soils: 100–150g/m² (to raise soil pH by approximately 1 unit). FREQUENCY: Apply when soil tests indicate acidic soil (low pH). Best applied in autumn or early spring before planting or as part of a seasonal soil improvement program.	Spread evenly over the soil surface and water in well. Where possible, incorporate into the topsoil for faster results. Always perform a soil test before application to determine the correct rate.	Raises soil pH to reduce acidity, improving nutrient availability, fertiliser efficiency and overall soil health. Supports stronger root development, healthier microbial activity and improved growth in lawns, gardens and agricultural soils.	✓ Calcium Carbonate (CaCO₃) ✓ A slow-release soil conditioner that provides calcium ✓ Neutralises soil acidity ✓ Reduces aluminium and manganese toxicity ✓ Creates optimal conditions for nutrient uptake and long-term plant health.



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Soil drench



Foliar



Fertigation



Hydroponic



Hose On

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 LIQUID IRON FERTILISER - 7% IRON 3% SULPHUR	RATE: 150–400mL per 100m² varies depending on plant type MINIMUM DILUTION: 1:50 Vegetables, Trees & Ornamentals: 150–300mL per 100m² (or 10–25mL per 10L of water for ornamental plants) FREQUENCY: Apply every 4 weeks during the growing season, or as required to correct iron deficiency and improve colour. Trees and grapevines can be applied every 6–8 weeks.	Apply as a foliar spray or soil drench during the coolest part of the day. Can be mixed with Stimulizer, but should be applied separately from most other fertilisers and liquid products. Always perform a jar test before mixing.	Quickly corrects iron deficiency and chlorosis while promoting deep green colour, healthier foliage and improved chlorophyll production. Suitable for lawns, vegetables, fruit trees, ornamentals and broadacre crops.	7% Iron (Fe) 3% Sulphur (S) + Fulvic Acid - Fulvic acid enhances nutrient uptake and translocation, delivering fast greening and improved photosynthesis while supporting stronger, healthier plant growth - Can be mixed with Stimulizer concentrate
 MAXGREEN HI-N & IRON LIQUID FERTILISER	RATE 2L HOSE ON: 2L bottle covers 200m² RATE CONCENTRATE: 140–400mL per 100m² varies depending on plant type Vegetables, Trees & Ornamentals: 140–300mL per 100m² (or 10–25mL per 9L of water for ornamental plants) FREQUENCY: Apply monthly during the growing season for lawns and ornamentals, fortnightly for vegetables, and every 6–8 weeks for trees, fruit, nuts and grapevines, or as required.	HOSE ON: Connect the hose-on bottle and spray evenly across the lawn or garden. For refills, reuse the hose-on bottle with 4L or 10L concentrate packs. Can also be added to EZFLO systems for larger areas. CONCENTRATE: Shake well before use and apply during the coolest part of the day. Lightly water in after application. Apply separately from most liquid fertilisers and pesticides. Stimulizer is compatible for tank mixing; otherwise perform a jar test before mixing.	Delivers a rapid boost of nitrogen and iron to promote lush growth, correct iron deficiency and produce rich green colour. Suitable for lawns, gardens, shrubs, fruit trees, ornamentals and broadacre crops.	16% Nitrogen (N), 5% Iron (Fe), 2% Sulphur (S) + Fulvic Acid (Concentrate) 8% Nitrogen (N), 2.5% Iron (Fe), 1% Sulphur (S) + Fulvic Acid (Hose-On) - Combines high nitrogen with bioavailable iron and fulvic acid to maximise nutrient uptake, support chlorophyll production and encourage fast greening with vigorous plant growth - Can be mixed with Stimulizer concentrate
 MICRONISED GYPSUM LIQUID	RATE: varies depending on application type - Home Gardens: 45mL per 9L water (apply at 1L/m²). - Soil Amelioration/Fertigation: 10–50L/ha. - Foliar: 1L per 100L water (rate varies by crop). FREQUENCY: Apply every 2–4 weeks, or as required, to improve clay soils, correct calcium and sulphur deficiencies, and support ongoing soil conditioning. Higher rates are recommended for heavy clay soils.	Shake well before use and maintain constant agitation during application. Can be applied through fertigation systems, watering cans or suitable spray equipment. A coarse filter is recommended, and a jar test should be performed before mixing with other products. NOTE: not suitable for drippers	Improves soil structure by breaking up heavy clay and compacted soils while supplying readily available calcium and sulphur. Enhances water penetration, root development, nutrient uptake and overall soil health.	16.5% Calcium (Ca) 13% Sulphur (S). - Ultra-fine micronised gypsum delivers rapid soil conditioning through increased reactive surface area - Helps displace excess sodium and magnesium - Improves soil aeration, fertiliser efficiency and long-term soil performance
 NATURE'S SOIL WETTER - LIQUID	RATE: 100mL per 100m² FREQUENCY: Apply every 2–4 weeks, or as required, when soils become dry, water repellent or compacted. Ideal during dry periods or whenever water struggles to penetrate the soil profile.	Mix gently before use, do not shake. Water in lightly after application to activate the product. Compatible with most fertilisers, although a jar test is recommended before mixing with acidic or sulphate-based products.	Breaks down water-repellent soils, improves water penetration and moisture retention, and enhances fertiliser efficiency. Supports healthier roots, reduces runoff and helps create more resilient lawns, gardens and agricultural soils.	- Plant-derived soil wetting agent and conditioner - Made from complex organic compounds, natural humates, fulvates and botanical extracts - Improves soil structure - Stabilises nitrogen - Binds salts and toxins - Buffers soil pH - Contains 70+ naturally occurring trace minerals to support long-term soil health.



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PRODUCT	APPLICATION	NOTES	BENEFITS	SUPERPOWERS
 NATURE'S SOIL WETTER GRANULES	RATE: varies depending on application type • Lawns & Garden Areas: 1.5–2kg per 100m² every 3–6 months • Golf Greens: 1.5kg per 100m² every 1–2 months • Fairways & Sports Fields: 2kg per 100m² every 2–3 months • Crops & Vegetables: 1.5–2kg per 100m² FREQUENCY: Apply when soils become water repellent, dry, compacted or struggle to absorb moisture. Ideal as part of regular soil maintenance programs, during dry periods, or when improving soil structure and nutrient efficiency.	Apply evenly as a top-dress using a spreader or incorporate into potting mixes and garden beds. Watering after application is recommended to activate the granules, although not essential. Apply under tree drip lines or beneath mulch for fruit trees and natives.	Improves water penetration, moisture retention and soil structure while reducing hydrophobic conditions. Supports healthier roots, beneficial microbes, improved fertiliser efficiency and stronger plant growth across lawns, gardens, crops and potting mixes.	✓ Plant-derived surfactants ✓ Zeolite mineral matrix ✓ Botanical extracts ✓ 70+ naturally occurring trace minerals ✓ A natural soil conditioning system ✓ Improves water distribution ✓ Increases nutrient retention ✓ Supports microbial activity ✓ Buffers soil pH ✓ Helps stabilise nitrogen for longer-lasting plant performance
 NEEM FERTILISER SLOW RELEASE GRANULES	RATE: 50–100g per m² FREQUENCY: Apply 1–2 times per year for ongoing soil improvement and long-term fertility. Ideal during turf renovation, lawn recovery, before planting, or when soils need improved nutrient retention and conditioning.	Apply evenly over the soil surface and, where possible, incorporate into the top 10cm of soil. Can be applied before sowing, laying turf, or swept into aeration holes during turf renovation. Water in lightly after application to activate the Neem and soil wetter components.	A natural slow-release fertiliser and soil conditioner that provides steady nutrition while improving soil structure, water retention and nutrient availability. Supports healthier roots, stronger turf growth and long-term soil fertility in lawns, gardens, vegetables and agricultural systems.	✓ 1-1-4 NPK ✓ VolcaMin Zeolite ✓ Neem Oil ✓ Natural Soil Wetter ✓ Feeds plants for up to 3 months ✓ Zeolite mineral matrix improves nutrient retention, water holding capacity and cation exchange ✓ Neem bioactives support plant resilience, ✓ Natural minerals help create healthier, more productive soil
 NEEM SEED OIL - 100% COLD PRESSED VIRGIN OIL	RATE: varies depending on application type ⊗ Garden Use: 30mL per 1L of water + a few drops of biodegradable detergent. ⊗ Agricultural Use: 1L neem oil per 200L water (apply 2–3L of prepared spray per hectare). FREQUENCY: Apply during active plant growth, as part of a preventative plant care routine, or when plants are under pest pressure or environmental stress. Repeat 7 days after the initial application, then apply as required.	Dilute before use and spray directly onto leaves (top and underside), stems and soil surface. Add a biodegradable detergent to help emulsify the oil with water. Can be used in gardens, orchards, farms and around pet environments. Avoid applying during extreme heat or strong sunlight.	A natural plant protection and support solution that helps deter pests, support plant resilience and maintain healthier foliage. Provides a biodegradable alternative for integrated plant care across gardens, ornamentals, vegetables and agricultural systems.	✓ 100% Cold-Pressed Neem Seed Oil (Azadirachta indica) ✓ Naturally contains Azadirachtin, Nimbin, Vitamin E, fatty acids and organic compounds that support plant surface protection, influence pest behaviour and improve overall plant resilience without synthetic chemicals
 QUANTUM H	RATE: 100mL per 100m² Agricultural rates vary depending on crop and application method. FREQUENCY: Apply fortnightly or as required for home gardens. For agricultural applications, apply throughout the growing season or as part of a regular soil health program.	Can be applied as a soil drench, foliar-compatible input, fertigation, sprinkler/drip irrigation or mixed with liquid nutrients. Compatible with most fertilisers, pesticides, fungicides and biological inputs. Avoid mixing directly with iron-based products.	A premium humic acid soil conditioner that improves soil structure, increases nutrient availability and supports beneficial microbial activity. Helps unlock nutrients, improve moisture retention, encourage stronger root growth and restore tired, compacted or nutrient-deficient soils.	✓ Premium liquid potassium humate concentrate ✓ Sourced from Leonardite ore ✓ Contains short-chain humic and fulvic acids, organic carbon complexes and trace minerals ✓ Improves cation exchange capacity (CEC) ✓ Enhances fertiliser efficiency ✓ Supports microbial activity ✓ Helps bind unwanted residues such as salts, pesticides and heavy metals


These products can be safely mixed together as concentrates


These products should be applied independently


These products should be watered in


Soil drench


Foliar


Fertigation


Hydroponic


Hose On

Most of our products can be mixed together as concentrates before application. However, Iron should be applied separately, as it can thicken and clog sprayers when mixed with certain products. The only exception is Stimulizer, which can be safely mixed with Iron. Unless otherwise specified, apply 10mL per 10m² of lawn or garden, as detailed in this information sheet. For example, if you're using the Lawn Lovers Bundle, you can mix 100mL each of Seaweed Secrets, Quantum H, and Activ8mate, plus 3mL of Stimulizer, in the same spray unit for every 100m² you plan to treat. After applying most products, lightly water the area to help move the product into the soil. Iron should be applied as a foliar spray and requires to be watered in. If you have any questions about our products, please contact us at sales@plantdoctor.com.au, and we'll be happy to help.

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 RESCUE REMEDY	RATE: 10g per 10L water or 10g per 100m² for general use. Agricultural application rates vary depending on crop and application method. FREQUENCY: Apply fortnightly or as required throughout the growing season. Ideal during periods of stress including drought, heat, frost, transplanting or waterlogging. Apply prior to flowering to support fruit and flower development.	Dissolve completely in water before application. Suitable for foliar spraying, soil drenching, irrigation and fertigation. May not be compatible with acidic fertilisers such as calcium nitrate, liquid phosphates and sulphate-based trace elements.	A premium seaweed bio-stimulant that supports stronger roots, improved nutrient uptake and healthier plant growth. Helps plants recover from stress, improves flowering and fruit set, boosts beneficial soil microbes and supports improved crop quality and plant resilience.	✓ 100% Ascophyllum nodosum seaweed extract ✓ Contains natural plant hormones (cytokinins and gibberellins) ✓ Amino acids ✓ Alginic acids ✓ Mannitol ✓ Trace elements ✓ Complex carbohydrates ✓ High potassium analysis (16–21% K) ✓ Helps improve stress tolerance, plant vigour, Brix levels and overall plant performance.
 ROOTS, SHOOTS & LEAVES - GRANULAR	RATE: varies depending on application type ☼ Lawn: 20–40g per m² ☼ Pots: 4g per litre of potting mix ☼ Plants & gardens: Application rates vary depending on plant type and size. FREQUENCY: Apply every 2–3 months or as required. Apply more frequently during active growing periods and reduce applications during slower winter growth.	Apply evenly around the plant root zone or across turf areas and water in after application. Suitable for lawns, vegetables, fruit trees, ornamentals, shrubs, natives and potted plants. Can be used as part of a complete fertiliser program with liquid fertilisers and soil conditioners.	A controlled-release mineral fertiliser designed to provide long-lasting nutrition for greener lawns, healthier gardens and stronger plant growth. Supports leafy growth, root development, plant resilience and improved nutrient availability while feeding plants for months.	✓ 16-2-10 NPK ✓ Silica ✓ Sulphur ✓ Calcium ✓ Magnesium ✓ Essential trace elements ✓ Contains zeolite to improve nutrient retention and reduce leaching ✓ Contains natural wetting agents to supports moisture movement and soil health ✓ Slow-release technology provides a steady supply of nutrients while improving nutrient use efficiency.
 SEAWEED SECRETS	RATE: 100mL per 100m² Agricultural rates vary depending on crop and application method. FREQUENCY: Apply fortnightly or as required throughout the growing season. Ideal during periods of stress including heat, drought, frost, transplanting or recovery. Can be used year-round to support ongoing plant and soil health.	Apply as a soil drench, foliar spray, fertigation or through sprinkler/drip irrigation. Can be mixed with most fertilisers and soil conditioners. When applying to foliage, check for staining on sensitive plants first.	A premium liquid seaweed soil conditioner that improves soil health, strengthens roots and supports healthier plant growth. Helps improve nutrient uptake, moisture retention and stress tolerance while encouraging stronger, more resilient lawns, gardens and crops.	✓ Cold-processed Ascophyllum nodosum kelp extract ✓ Enriched with humic and fulvic acids ✓ Contains naturally occurring minerals ✓ Amino acids ✓ Plant growth compounds ✓ Alginic acids ✓ Chelating agents. ✓ Supports beneficial microbes ✓ Improves cation exchange capacity (CEC) ✓ Enhances nutrient availability ✓ Helps plants better withstand environmental stress.
 STIMULIZER	RATE: 3mL per 100m² Application rates vary for turf, hydroponics and broadacre use. 2mL per 9L watering can for home gardens FREQUENCY: Apply fortnightly or as required. Can be used year-round to support root development, nutrient uptake, stress recovery and overall plant health.	Apply as a soil drench, foliar spray, hydroponic additive or mixed with fertilisers and other liquid inputs. Compatible with acidic and alkaline materials. Does not burn plants, lawns or soil if over-applied, but best results are achieved at recommended rates.	A powerful fulvic acid-based bio-stimulant that improves nutrient uptake, stimulates root growth and enhances soil biology. Helps unlock nutrients, improve plant resilience, support recovery from stress and increase overall plant performance.	✓ Ultra-concentrated fulvic acid complex ✓ 1500+ chelation capacity ✓ 75+ naturally occurring minerals and humic extracts ✓ Acts as a natural chelator to make nutrients more plant-available ✓ Stimulates beneficial microbes ✓ Improves cation exchange capacity (CEC) ✓ Supports photosynthesis ✓ Enhances fertiliser efficiency



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 VOLCAMIN - PREMIUM CLINOPTILOLITE ZEOLITE	RATE: varies depending on application type. - Lawn & Garden: 25–100g per m² - Potting Mix: Add 5% by volume (approx. 50L per m³) - Soil Amendment: 1–5 tonnes per hectare. - Tree Planting: 5–10kg per planting hole or 3–5kg per tree for trenching FREQUENCY: Apply during soil preparation, planting, turf installation or as an annual soil amendment. Benefits are long-lasting as VolcaMin does not break down over time	Incorporate into soil, potting mixes, compost blends or apply around root zones. Can be blended with fertilisers to improve nutrient retention and efficiency. Available in different particle sizes for specific applications including potting mixes, lawns, turf, tree planting, agriculture and fertigation systems. <1mm Powder: Best for seed coatings, compost blends, fertigation, liquid suspension and fine soil incorporation. 1–2mm Grade: Best for potting mixes, gardens, seed raising and applications requiring greater surface area and nutrient exchange. 2–4mm Grade: Best for turf, landscaping, tree planting and improving soil structure/drainage.	A permanent soil conditioner that improves nutrient retention, water efficiency and soil structure. Acts like a natural fertiliser battery by holding nutrients and releasing them as plants need them. Helps reduce nutrient leaching, improve root growth, increase fertiliser efficiency and create healthier, more productive soils.	100% natural clinoptilolite zeolite with high cation exchange capacity (CEC) - Its porous crystalline structure captures and stores nutrients including ammonium, potassium, calcium and magnesium - Improves moisture retention and soil aeration - A permanent soil amendment that enhances nutrient availability, reduces fertiliser losses, supports microbial activity and improves long-term soil performance
 WORM MAGIC CASTING PELLETS	RATE: varies depending on application type - Lawns & Gardens: 20–40g per m² - Potted Plants: 2 tablespoons per 5L potting mix - Agriculture: Application rates vary from 100–1000kg/ha depending on crop and application method FREQUENCY: Apply during soil preparation, planting or as part of an ongoing soil health program. For pots, apply every 4–6 weeks to maintain soil condition and plant performance.	Apply evenly around plants, garden beds or lawn areas and water in after application to activate. Can be incorporated into soil, applied as a top dress or placed directly into planting holes for trees and vines. Suitable for lawns, vegetables, fruit trees, ornamentals and regenerative growing systems.	A biologically active organic fertiliser that improves soil health while providing slow-release nutrition. Helps build stronger roots, improve soil structure, increase nutrient availability and create a thriving environment for plants to grow.	- Nutrient-rich worm casting pellets 5.05% nitrogen 2% phosphorus 2.11% potassium 34% carbon - Humic acids - Fulvic acids - Beneficial microorganisms - Supports the soil food web - Improves microbial activity - Enhances nutrient cycling - Provides long-term fertility through natural organic matter.
 WORM MAGIC LIQUID COMPOST TEA	RATE: varies depending on application type - Garden Beds & Small Lawns: 50–100mL per 9L water - Potted Plants: 10–20mL per litre water - Fruit Trees & Shrubs: 100–150mL per 9L water - Agricultural rates vary depending on crop and application method. FREQUENCY: Apply every 2–4 weeks throughout the growing season. Increase frequency during periods of stress, transplanting or active growth.	Apply as a soil drench, foliar spray, fertigation or irrigation application. For best results, apply after mowing on lawns and water into the soil where possible to encourage microbial activity in the root zone. Suitable for lawns, gardens, vegetables, fruit trees, ornamentals and agricultural crops.	A biologically active liquid soil tonic made from worm castings, natural minerals and plant-based nutrients. Improves soil health, strengthens roots, enhances nutrient uptake and supports healthier, more resilient plants by feeding both the plant and the soil ecosystem.	- Living compost tea containing beneficial bacteria, fungi, protozoa and humic & fulvic acids - Provides naturally occurring nutrients including nitrogen, phosphorus, potassium, calcium and magnesium - Stimulates microbial activity - Improves nutrient cycling - Enhances soil structure - Increases plant resilience to stress



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