VITAGRO™

PREMIUM ORGANIC SOIL CONDITIONER (POSC)

Build soil that lasts years, not seasons.

Soil performance that drives plant performance. Build resilient soils with mature, biologically-active ecosystems that deliver stronger root establishment, sustained nutrient availability, superior moisture retention, and measurable long-term productivity gains across crops, landscapes, and gardens.

Vitagro™ (POSC) is our most advanced formulation—fully humified mature compost engineered to deliver maximum results at dramatically lower application rates. Crafted from premium-grade recycled food and garden material through complete decomposition, Vitagro POSC transforms degraded subsoil with superior carbon, organic matter, and moisture-holding capacity. Get more from your land, reduce application volumes, and build soil fertility that lasts for years.

BENEFITS OF VITAGRO PREMIUM SOIL CONDITIONER

- **Save on input costs:** Mature compost concentration means you apply significantly less material to achieve dramatically better outcomes—cutting application costs, labour, and transport while maximising soil conditioning performance.
- **Greater water efficiency:** Mature humus creates exceptional water-holding capacity that sustains plant performance through dry periods, season after season—genuine drought resilience built into your soil structure that keeps working long-term.
- **Stronger plant establishment:** Fully composted material arrives with established microbial communities and beneficial organisms already activated and ready to function—creating a thriving underground ecosystem that works for you from day one, with zero establishment lag.
- **Extend your soil's lifecycle:** Complete humification creates stable humus that fundamentally restructures your soil from the ground up—delivering benefits that compound year after year, building soil fertility that lasts years, not seasons.

SUITED TO A RANGE OF APPLICATIONS

- AGRICULTURE & FOOD CROPS
- LANDSCAPING & AMENITIES
- VINEYARDS & ORCHARDS
- TURF GROWERS
- HORTICULTURE & NURSERY
- LAND REHABILITATION

CERTIFIED QUALITY

Vitagro OSC is certified and classified as a soil conditioner under AS4454-2012 standards, certified organic for organic and bio-organic inputs, Smart Drop Water certified, and WALGA approved. Each batch delivers consistent, quality results, supporting healthy growth and sustained soil fertility across all landscaping, horticultural, and agricultural applications.

Certified System™ Australian Standard AS4454 2012 Lic: SMK40783 SAI Global

SMART DROP Certified

SX Allowed Input Cert. No. 20032

compost for soils

WATER CORPORATION waterwise

WALGA Preferred Supplier

SCAN TO LEARN MORE

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APPLICATION BEST PRACTICES

COMMERCIAL GROWERS

Seasonal agriculture

Apply 10-20m³/ha during pre-seeding preparation for broadacre and pastures.

Perennial crops, vineyards, and orchards

For existing plantings, apply a 10-20mm layer of Vitagro POSC in 250mm wide strips on both sides of the crop row, incorporating it into the top 25-50mm of soil.

When establishing new trees and vines, either:

- Spread 15-30m³/ha along the crop line and incorporate up to 100mm depth prior to planting; or
- Mix a 1:3 part ratio of Vitagro POSC with existing soil and apply around root zone.

Timing

Apply Vitagro POSC before anticipated rainfall or when irrigation is readily available for optimal moisture absorption.

LANDSCAPING & GARDEN PROGRAMS

Standard soil preparation

Apply a 20-30mm thick layer and incorporate to 100mm depth.

Deep root establishment

Apply a 40-60mm layer and incorporate to 200mm depth.

Individual Plantings

Mix a 1:5 part ratio of Vitagro POSC with existing soil and apply around the root zone to significantly improve fertility and water holding capacity.

Note: Water thoroughly before planting. Do not exceed suggested application rates, particularly for phosphorus-sensitive plants.

This soil conditioner is not recommended for turf top dressing. For suitable alternative products, or other site-specific recommendations, consult Veolia's Vitagro team.

PRODUCT SAMPLING REPORT

Macro Nutrient (Typical)	% (dry weight)	kg/m³ (as applied)	kg/tonne (as applied)
Nitrogen (N)	2.1	5.9	12.5
Phosphorous (P)	0.3	1.0	2.0
Potassium (K)	1.7	4.9	10.5
Calcium (Ca)	4.7	13.3	28.4
Magnesium (Mg)	0.6	1.6	3.4
Sulphur (S)	0.3	0.8	1.6
Sodium (Na)	0.8	2.4	5.2

Micro Nutrient (Typical)	mg/kg (dry weight)	g/m³ (applied)	g/tonne (applied)
Boron (B)	83.5	24	51
Copper (Cu)	74	21.2	45
Iron (Fe)	14,200	4,071	8,662
Manganese (Mn)	113	32.5	69
Zinc (Zn)	203	58.2	124

Typical Analysis	Total
Organic matter (% dry weight)	61
Total organic carbon (% dry weight)	36
pH	7 - 8
Electrical conductivity (mS/Cm)	3.3
C:N ratio (%)	16:1
Moisture content (% wet weight)	39
Bulk density (kg/m3)	470
Water holding capacity (WHC) (% dry weight)	300
Solvita Maturity Index	7 - 8

VITAGRO™

MADE LOCALLY, MADE FOR SUSTAINABILITY

When you choose Vitagro Premium, you're investing in soil capital that delivers measurable economic and environmental returns—recycled locally, certified sustainable, and built to perform for years

Learn more about the Vitagro product range or contact our team of experts at **www.anz.veolia.com/vitagro**

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