



PRODUCT TECHNICAL SHEET

Soil Conditioners

product name

GO Compost Premium

description

GO Compost™ is a certified composted blend of garden organics that typically has a pH slightly above neutral. It can be used in the basic composted form as a mulch or soil improver in a variety of different situations including:

- :: Home Gardens
- :: Horticultural & Agricultural applications
- :: Urban Landscaping
- :: Soil & Site rehabilitation

source

GO Compost™ is manufactured from source separated organics according to procedures outlined in AS4454 - Composted Soil Conditioner.

benefits

GO Compost™ can be used to improve soil, and provide the benefits of adding organic matter:

- :: reduce compaction and increased aeration, improving drainage.
- :: improvement to soil structure
- :: increased water holding capacity
- :: provide slow releasing organic nutrients
- :: help retain fertilisers
- :: stimulation of microbial activity

application

In general soil conditioners should be applied to a recommended depth, then incorporated. A soil test to determine organic matter application is recommended, & can be provided for a wide range of projects.

Quantity	Sensitive Plants	Tolerant Plants
Litres/m ²	<8	<32
m ³ /acre	<32	<128
m ³ /hectare	<80	<320

Repeat applications can be made after several weeks.

characteristics

Specification	GO Compost™	AS 4454 - CSC
Particle Size Grading 16mm	% Passing 100.00%	Soil Conditioner
Organic Matter	45 - 55% dry wt	>25% Acceptable
Wettability	<0.6 min	<7 Acceptable
pH	7.3 - 7.5 pH units	Acceptable
EC	2 - 2.5dS/m	Acceptable
P - phosphorus total	0.22%	Acceptable
N - nitrogen total	0.86%	>0.6% Acceptable
Moisture Content	30%	>25% Acceptable

This material, when compared with AS4454 for composted soil conditioner has good physical and chemical properties.

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visible contaminants

Specification

GO Compost™

AS 4454 - CSC

glass, metal, rigid plastic
>2mm

0.0 to 0.01%

<0.5% - Acceptable

Light Plastic > 5mm

0.0 to 0.01%

<0.05% - Acceptable

Stones & lumps of clay
> 5mm

1 - 2 %

< 5% - Acceptable

Results are a summary of audit testing for GO Compost™ during 2008 and 2009.

chemical & organic contaminants

Product tested for chemical & organic contaminants - All acceptable.

microbiological standards

Product tested for E.coli, Faecal coliforms and Salmonella sp. - None detected.

Product results met NSW EPA requirements for Contamination Grade A - **Classification Unrestricted use.**

Minimum Quality Grade		Allowable land application use							
Contaminant Grade	Classification	Home Lawns & Gardens	Public Contact Sites	Urban Landscaping	Agriculture	Forestry	Soil & site rehabilitation	Landfill disposal	Surface land disposal
Grade A	Unrestricted Use	●	●	●	●	●	●	●	●

soilco spreading services

Soilco is able to offer spreading services for large scale soil, mulch, manure and compost applications.

Recent projects have illustrated cost efficient methods for applying these types of growing media to a variety of environmental, rural, urban and horticultural projects.

Products high in moisture and organics are easily spread a width of 5 to 10m. Application rates of 5m³ per hectare upwards can be achieved.



Establishing a new vineyard with GO Compost™ and Soilco Spreader.

for more information

Soilco Pty Ltd
PO Box 199
Unanderra NSW 2526

ph :: (02) 4272 9944 fax :: (02) 4272 9933 em :: sales@soilco.com.au

www.soilco.com.au

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