

TYPICAL ANALYSIS OF FOGO

Beneficial Properties

Total nitrogen	1.7%-1.9%
Phosphorus (as P)	~0.36%
Potassium (as K)	~0.97%
Magnesium	~0.33%
Calcium	1.8-2.0%
Sulfur	NA

Physical Properties

pH (1:5) in Water	~8.5
Total CaCO ₃ Equivalent	5.2%
Electrical conductivity (EC)	5.0-5.4 mS/cm
Moisture content	~27%
Organic matter content	47-50%
Particle size	>100% passing 16 mm
Bulk density	~550 kg/m ³
C:N ratio	15-17

Chemical Properties

Sodium	~0.31%
Arsenic	<20 mg/kg
Boron	<100mg/kg
Cadmium	<1 mg/kg
Chromium	<100 mg/kg
Copper	~55 mg/kg
Lead	<150 mg/kg
Mercury	<1 mg/kg
Nickel	<60 mg/kg
Selenium	<5 mg/kg
Zinc	~202 mg/kg
Total DDT / DDD / DDE	<0.5mg/kg
Aldrin	<0.02 mg/kg
Dieldrin	<0.02 mg/kg
Chlordane	<0.02mg/kg
Heptachlor	<0.02 mg/kg
HCB	<0.02 mg/kg
Lindane	<0.02 mg/kg
BHC	<0.02 mg/kg
PCB	Not Detected

Physical Contaminants

Glass, metal & rigid plastic	(>2 mm): <0.5%
Light and film plastic	(>5 mm): <0.05%
Stones and other consolidated mineral contaminants	(>5 mm): <5%

Biological Characteristics

Salmonella	None detected
Faecal Coliforms	<3 MPN/100g
E.Coli	<3 MPN/100g*

*Pasteurisation occurs to the highest standards as part of the composting process whereby pathogens and weed seeds are destroyed.

AS 4454 Required Marking

- (a) pH reporting required if pH is outside the range of 5-8.0. Products have pH value of 8.5.
 (b) The rates of application (in Tonnes per Hectare of soil) of this product will raise the pH of one unit to the top 10 cm of soil of the following types:

Sand	Sandy Loam	Loam	Silty Loam	Clay Loam	Organic Soil
10	16	22	30	36	73

Note: The lime content of this product might harm lime sensitive plants

- (c) Instructions for rate of application based on salinity: Application rate < 4 L/m² (20 tonnes/ha) for sensitive plants and <16 L/m² (80 tonnes/ha) for tolerant plants based on EC of 4-8 dS/m.
 (d) We do not claim the product is suitable for phosphorus sensitive plants.
 (e) We do not claim any contribution to plant nutrition for soluble nitrogen.
 (f) We do not claim any contribution to plant nutrition for total nitrogen.
 (g) No boron restrictions as level typically below 50 mg/kg.
 (h) No requirement for gypsum addition as sodium content < 1%.
 (i) This product is designed for use in applications that benefit from its nitrogen content and not for applications intolerant to nitrogen (e.g. seedlings).

This product is designed to suit applications such as soil conditioners and soil blends and should be applied at a low rate:

- (a) Plant Growth Test (bioassay) is less than <5 mm root length

Other Information

- All values reported are based on typical analysis results, on a dry basis and some variation may occur.
- This product meets CA-05 (business number CN 070).
- This product is produced to the NSW EPA "The Compost Order 2016" and must be used in compliance with the NSW EPA "The Compost Exemption 2016". Copies of the Order and Exemption can be found at the following link called "Compost": <http://www.epa.nsw.gov.au/wasteregulation/orders-exemptions.htm>

WARNING

This product is not to be used as a complete soil replacement or growing media, and should be used a rate of no more than ½ compost by volume when incorporated into soil or growing media. The Level of zinc present in the product and in the soils should be taken into account when planning a fertilizer program involving repeat or very high applications. This product contains zinc at concentrations between 200 to 300 mg/kg (dry wt) of zinc. These are important trace elements for plants, but may accumulate in soils to levels harmful to some plants and soil organisms, when applied at repeated high application rates.