

Peters® Professional

Water Soluble Fertilizer

S.T.E.M. (Soluble Trace Element Mix)

DESCRIPTION:

S.T.E.M. Soluble Trace Element Mix contains a 100% soluble balanced blend of the essential trace elements for quality plant production. Ideal to add the trace elements to a Hydroponic solution, as a 'quick fix' foliar application or to a general nursery liquid feed.

S.T.E.M. reduces the risk of the incorrect weighing of the individual component traces. One bag, one convenient weighing when adding traces to your own NPK formulation.

GUARANTEED ANALYSIS

Iron (Fe) as iron sulphate	7.5%
Copper (Cu) as copper sulphate	2.3%
Zinc (Zn) as zinc sulphate	4.5%
Boron (B) as boric acid	1.35%
Manganese (Mn) as manganese sulphate	8%
Molybdenum (Mo) as sodium molybdate	0.04%
Sulphur (S)	13%

DIRECTIONS FOR USE:

One time corrective action:

Use 0.60g/100L water.

For foliar application:-apply between 0.4-1.3g/L using a non-ionic spreader/sticker and spray to leaf runoff.

Continuous feeding (e.g. Hydroponics):

Apply amount of S.T.E.M noted in table (grams) per 1kg of fertilizer with the indicated % of Nitrogen.

% N in fertiliser [#]	15	20	25	30
Grams of S.T.E.M/1kg of fertiliser [#]	5.0	6.6	8.3	10.0

[#] 'Fertilizer' refers to the NPK blend that STEM is to add the trace elements to.

Trace Element Level in Solution at Recommended Rate.

ELEMENT	PARTS PER MILLION IN SOLUTION (ppm)			
	5.0g rate	6.6g rate	8.3g rate	10.0g rate
Iron (Fe)	0.375	0.500	0.623	0.750
Copper (Cu)	0.115	0.150	0.191	0.230
Zinc (Zn)	0.225	0.300	0.374	0.450
Boron (B)	0.068	0.090	0.112	0.135
Manganese (Mn)	0.400	0.530	0.664	0.800
Molybdenum (Mo)	0.002	0.003	0.003	0.004

WARNING:

Soil must be moistened before applying or plant injury can occur.

SAFETY INSTRUCTIONS

Avoid contact with eyes and skin as irritation may occur. Wash clothes thoroughly before reuse.

FIRST AID

In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes. If irritation persists, call a physician. If poisoning occurs contact a doctor or Poisons Information Centre on 13 11 26 (Aus) or 0800 764 766 (NZ).

MSDS

For further information on this product, please refer to the material safety data sheet, copies of which are available from product suppliers or the manufacturer.

SPILLS AND DISPOSAL

Sweep up spills and return to original container if product is usable. If not usable dispose of in accordance with government regulations.

DISCLAIMER

Scotts Australia makes these recommendations in good faith. However, Scotts makes no representations as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise independent judgment in determining its appropriateness for a particular purpose. Accordingly, Scotts will not be responsible for damages of any kind resulting from the use or reliance upon such information.

For questions and comments please call 1800 789 338 (Aust only) or fax (02) 8853 7310.



Scotts Australia Pty Ltd
11 Columbia Way, Baulkham Hills, NSW 2153,
AUSTRALIA
180c Great South Road, Takalani, Auckland
NEW ZEALAND

© 2004, licensed by The Scotts Company. World Rights Reserved.

NETT WEIGHT: 11.34kg

PRODUCT CODE: 91391

0904