



**PRODUCT INFO
& DATASHEET**

Microelements & Amino Acids

PROMISE Range

Fertilisers based on single macro-and microelements complexed with amino acids

(for soil & foliar & drip applications – allowed in organic agriculture)

01/2018

1/ PRODUCT DESCRIPTION & CHARACTERISTICS

The **PROMISE** family includes a line of fertilizers based on single microelements complexed with amino acids of natural origin.

The **PROMISE Range** prevents and treats the physiopathies related to macro- and microelements. Because of their high content of amino acids, **PROMISE Range** products have a biostimulant action on plants that results in an anti-stress action. The amino acids facilitate the absorption and translocation of metals into the plant.

* **PROMISE Ca** is a liquid fertilizer based on calcium oxide complexed with amino acids. It prevents calcium deficiency and guarantees better fruit preservation.

* **PROMISE Cu** is a liquid fertilizer based on copper complexed with amino acids with translaminar action. It prevents and treats some pathologies caused by bacteria and fungi (*Erwinia Spp, Pseudomonas Spp, Xanthomonas Spp, Verticillium Spp, Antracnosi Spp, Cercospora Spp, Alternaria Spp, Botrytis Spp, Peronospora Spp, Fusicladium Spp*).

* **PROMISE Mg** is a liquid fertilizer based on magnesium complexed with amino acids. It prevents magnesium deficiency and stimulates the harmonious development of leaves and buds.

* **PROMISE Zn** is a liquid fertilizer based on zinc complexed with amino acids. It prevents zinc deficiency, stimulates better growth of vegetative tissues and contributes to overcoming the growth pause caused by cold weather.

All **PROMISE** products are allowed in organic agriculture.

2/ PRODUCT ANALYSIS & SPECIFICATIONS

PRODUCTS	Ca		Cu		Mg		Zn		Organic N		Organic matter		Total AA		Free AA	
	w/w	w/v	w/w	w/v	w/w	w/v	w/w	w/v	w/w	w/v	w/w	w/v	w/w	w/v	w/w	w/v
PROMISE Ca	10.2	13	-	-	-	-	-	-	2.9	3.7	18.6	23.6	18.3	23.2	3.1	4
PROMISE Cu	-	-	6.4	8.2	-	-	-	-	3.4	4.3	17.3	22	22.1	26.8	3.4	4.3
PROMISE Mg	-	-	-	-	5.3	6.7	-	-	33.1	3.9	25.8	32.7	19.2	24.4	3.3	4.2
PROMISE Zn	-	-	-	-	-	-	8	10	3.1	3.9	19	23.8	19.6	24.5	3.3	4.1

Specifications :

PRODUCTS	FORM	DENSITY G/L	pH	APPLICATION
PROMISE Ca	Liquid	1270	3.5 – 4.5	Foliar & drip
PROMISE Cu	Liquid	1270	2.5 – 3.5	Foliar & drip
PROMISE Mg	Liquid	1270	3.5 – 4.5	Foliar & drip
PROMISE Zn	Liquid	1250	3.5 – 4.5	Foliar & drip

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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SICO FERTILISERS
EVERY TIME THE RIGHT SOLUTION



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3/ INSTRUCTIONS FOR USE

DOSES, WAY & TIME OF APPLICATION (Doses are referred to each application)

PRODUCTS	TYPE OF APPLICATION	CROPS		
		Fruit trees	Vegetables	Ornamentals
PROMISE Ca PROMISE Mg PROMISE zn	Foliar	2.5-5 lt/ha	2-4 lt/ha	2.5-5 lt/ha
	Soil	1.5-2.5 lt/1000 lt		
PROMISE Cu	Foliar	80-100 ml/100 lt	40-80 ml/100 lt	80-100 ml/100 l
	Soil	0.5-1 lt/1000 lt		
TIMING OF APPLICATIONS		2-4 applications every 7-15 days		

4/ NOTE & WARNING

PROMISE Range products can be used with the usually applied foliar fertilizer.

Avoid mixing with highly alkaline compounds, mineral oils, phosphorus, calcium, copper-based chemical compounds.

5/ PACKING

1) 1 lt (carton 16 x 1 lt)

2) 6 lt (carton 2 x 6lt)