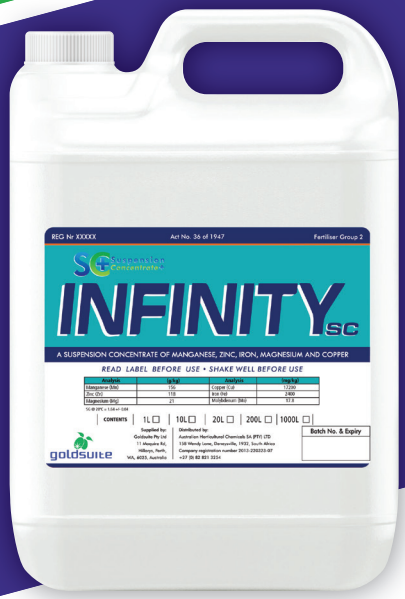

SC+

INFINITY

SC+ Suspension Concentrate+

A HIGH ANALYSIS SUSPENSION OF *MANGANESE*, *ZINC*, *IRON*, *MAGNESIUM* AND *COPPER* BLENDED WITH KELP EXTRACTS. DESIGNED TO PROVIDE AN EARLY ENERGY BOOST FOR EARLY VIGOUR AND IMPROVED PLANT HEALTH.

MAJOR BENEFITS OF USING INFINITY

- Formulated with a concentrated balance of MANGANESE, ZINC, IRON, MAGNESIUM and COPPER,to ensure maximum nutritional benefit.
- Easy to use free-flowing formulation compatible with a wide range of agricultural products including most seed dressing.
- Accelerated seedling development due to essential nutrient availability from germination. It also assists nitrate assimilation.
- Enhances early root development and encourages healthy and vigorous root systems allowing the plant optimal access to essential nutrients and moisture from the soil.

THE ROLE OF MANGANESE

MANGANESE is essential as an enzyme activator which helps with nitrate assimilation. It is also primarily involved in photosynthesis and chlorophyll production. MANGANESE influences auxin levels in plants and is required for maximum activity of many enzyme reactions found in the citric acid cycle.

MANGANESE DEFICIENCY

- Leaf speckling
- Light green blotches between main veins
- Dark green borders around the main veins
- Speckling on leaves and in oats known as 'grey speck'
- Interveinal chlorotic areas become pale green or dull yellow
- Susceptibility to root diseases

THE ROLE OF ZINC

Zinc forms an enzyme, which maintains $C0_2$ levels for photosynthesis. Zinc plays an important role in production of auxins.

ZINC DEFICIENCY

Zinc has poor mobility in plants which generally leads to deficiency problems.

SYMPTOMS OF ZINC DEFICIENCY

- Chlorosis
- Dieback
- Small irregular leaves
- Stunting
- Rosetting
- Reduced yield

MANGANESE DEFICIENCY

MILD & SEVERE ZINC DEFICIENCY

HEALTHY WHEAT CROP

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PRODUCT CHARACTERISTICS

Specific Gravity: ~1.65 Colour: Light Pink Suspension

AUSTRALIA

Analysis	Weight/Volume Percent (w/v)%
Manganese (Mn)	15
Zinc (Zn)	15
Magnesium (Mg)	3
Copper (Cu)	2.6
Iron (Fe)	0.23
Boron (B)	0.1
Molybdenum (Mo)	0.001
Cobalt (Co)	0.001

INTERNATIONAL

Analysis	Weight/Volume Percent (w/v)%
Manganese (Mn)	15
Zinc (Zn)	15
Magnesium (MgO)	4.8
Copper (Cu)	2.6
Iron (Fe)	0.23
Boron (B)	0.1
Molybdenum (Mo)	0.001
Cobalt (Co)	0.001

DIRECTIONS FOR USE - FOLIAR & FERTIGATION APPLICATION

CROP	RATE / Ha	MIN DILUTION	COMMENTS
WHEAT & BARLEY	300mL	1 : 1000	Apply at main shoot and one tiller.
POTATO	200mL	1 : 1500	Apply at 6 weeks after planting to the point of runoff.
	100mL	1 : 3000	Apply the following week (7) to the point of runoff.
	60mL	1 : 5000	Apply foliar spray to the point of runoff each week thereafter until harvest.
MAIZE	250mL	1 : 1000	1st Application: Apply at 4 - 6 leaf stage to the point of runoff.
	250mL	1 : 1000	2nd Application: Apply at 8 - 10 leaf stage to the point of runoff.
COTTON	500mL	1 : 120	Apply between 55 - 65 days after sowing at maximum vegetative growth.
TOMATOES	1.2mL	1 : 830	1st Application: Apply at 3 - 4 leaf stage.
	250mL	1 : 1000	2nd Application: Apply at 35 - 45 days after transplanting using foliar spray to the point of runoff.
SOYA	250mL	1 : 1000	Apply at 35 - 40 days after planting to the point of runoff.
CHILLI & CAPSICUM	1.5mL	1 : 700	Apply at 3 - 4 leaf stage using foliar spray to the point of runoff.
	250mL	1 : 1000	Apply at 35 - 40 days after transplanting using foliar sprays to the point of runoff.
GROUND NUTS	250mL	1 : 800	Apply at 35 - 40 days after planting using foliar spray to the point of runoff.
SORGHUM	300mL	1 : 1000	Apply between 5th leaf and booting stage.

DILUTION - A dilution of 1 : 30 equals 1 part product - 30 parts water.

See label for information on Storage and Handling.

NOTE

- All suggested application rates are for typical Australian conditions, and should be used as guidelines only. Individual conditions; such as climate, water quantity, soil type and application practices may differ, necessitating corrections to ensure optimum results. Increase minimum dilution rate by 1:50 – 1:100 in hot weather.
- Ideally brix or leaf tests should be conducted on a regular basis to determine plant nutrient levels at each growth stage. It is highly recommended to conduct soil tests at least once a year.
- Apply using a minimum of at least the labelled dilution rate to avoid potential leaf burn. Avoid application under extreme weather conditions; temperature over 28oC, high humidity, frost or rain apply at a minimum of 1 : 100 dilution.
- It is advisable when applying for the first time or in conjunction with other products, to spray an initial small test area for observation before general application.
- For best results apply with Nitrogen.

MIXING

To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly then add the remainder of the water. Agitate thoroughly while carrying out spray operations. Reseal part-used containers immediately after use.

COMPATIBILITY

SC+ INFINITY is compatible with a wide range of agricultural products. If unsure of tank mixes always conduct a jar test and test spray a small area of the target crop. For the latest results of compatibility please contact the retailer.