

GROWFORCE® 3-0-0 ZnMn

NUTRITION

High analysis zinc and manganese suspension which stimulates plant health and vigor

16% Zn, 16% Mn 3% N - Horticulture

Benefits of Growforce® 3-0-0 ZnMn

- Accelerates seedling growth because zinc and manganese are required for healthy root as well as vegetative growth
- Healthy, vigorous root systems ensure access to essential nutrients from the soil
- The micron size of the suspension has been uniquely processed in order to provide more efficient uptake into deficient crops whilst still maintaining the residual effect
- Extremely safe for application
- Can be applied with a wide range of other agricultural chemicals, reducing the number of spray applications needed
- Pre-mixed in carefully controlled ratios so the crop receives the essential nutrients specific to its growth stage

THE ROLE OF ZINC

Zinc forms an enzyme which produces carbon dioxide and maintains CO₂ levels for photosynthesis. Zinc plays an important role in the production of auxins.

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.

Deficiency Symptoms of Zinc

- Chlorosis
- Stunting
- Dieback
- Rosetting
- Small Irregular Leaves
- Reduced Yield

Deficiency Symptoms of Manganese

- Leaf Speckling
- Susceptibility to root diseases

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Product Characteristics

Specific Gravity: 1.81 - 1.85 **Color:** Brown Liquid

Analysis	International (w/w%)
Zinc (Zn)	16.4
Manganese (Mn)	16.4
Nitrogen (N)	3.3

Directions for Use

Agitate contents well before dilution. Suitable for application by:



Foliar Spray



Aerial Spray

CROP	Rate/A	COMMENTS
ROW CROP Barley, Canola, Cereals, Corn, Cotton, Legumes, Oats, Rice, Sorghum, Soybeans, Triticale & Wheat - Foliar	1 - 2 pints	Ideal time for application is at 3 - 4 leaf stage but may also be applied later
CITRUS - Foliar	1 - 2 pints	Apply during active growth flush. Repeat at Autumn/ Summer flush if required
POME/STONE FRUIT - Foliar	1 - 2 pints	Apply in active growing period and as required post harvest
POTATOES - Foliar	1 - 2 pints	Apply in minimum 85 - 171 qts. with normal insecticide and fungicide seed piece spray
TROPICAL FRUIT - Foliar	1 - 2 pints	Apply in active growth stages to maintain or correct zinc and manganese levels
VINES Table & Wine Grapes - Foliar	1 - 2 pints	Apply 1 - 2 sprays prior to flowering Do not exceed 4x per acre or 4x concentration