



Reg No. Act 36 of 1947 Pending

Multi-Fol is an AgriLibrium core **Plant Stress Management™** product. It has **plant growth regulating** (natural kelp extract) growth effects that supplies the plant with a source of natural hormones and specific Amino Acids for chelating cat ions for optimal uptake and mobility of the nutrients in the plant as well as natural pest and disease tolerance (phyto-alexin or **plant immune system**) effects.

The use of this product is specifically applicable where micro-nutrient requirements and/or imbalances are high.

Composition:

Nitrogen (N)	18.28 g/kg
Phosphorous (P)	12.50 g/kg
Potassium (K)	27.30 g/kg
Zinc (ZN)	488 mg/kg
Iron (Fe)	657 mg/kg
Manganese (Mn)	347 mg/kg
Copper (Cu)	279 mg/kg
Boron (B)	610 mg/kg
Molybdenum (Mo)	328 mg/kg
Cobalt (Co)	69 mg/kg
Nickel (Ni)	70 mg/kg
Amino Acids	6 %

Amino and Fulvic acid chelated product, a slight brown residue might be present that will dissipate after shaking the container.

Shake well before use.

Product Properties :

S.G: 1.20 ± 0.1

pH 4.9 ± 0.1

Appearance: Light brown

Plant Stress Management™ Product

A Biological EquilibriUm Farming Product



Characteristics:

Multi-Fol supports the biochemical anti-oxidant system present in every living cell and organelle, protecting the chlorophyll and mitochondria in plant cells to ensure optimal photosynthetic activity and production.

Multi-Fol contains metabolic elicitor that improves metabolic activity and specific amino acids for chelating ions that enhances foliar uptake into and mobility of nutrients within the plant.

Multi-Fol is a growth stimulation and cell membrane protection product that should be used simultaneously with **ByoPhos Reproductive (fuel for energy)**

The formulation is based on Plant Physiological principles and a wide range of trials and proven scientific results (see: Malan et al, Plant Science 69 (1990).

Foliar uptake of **Multi-Fol** is very efficient due to the specific selected amino acid chelating molecules.

Multi-Fol is highly effective in both the young active growing stages as well as the reproductive growth phases of the plant.

Directions for use: Use only as directed

Spray solution water must be buffered between pH 4.5 and 5.5.

Application concentration should never be lower than **0.75% (750 ml per 100l water) for maintenance** applications up to a maximum spray concentration of **3% for rectification of deficiency problems (3l per 100l water)**.

Multi-Fol is compatible with most agrochemical products but **it is recommended that a compatibility drinking glass test be done before mixing with other chemicals.**

Use **FulMax** (0.2%, 200ml/100l water) in the spray mixture as wetter/spreader/re-wetter to ensure efficient uptake of the nutrients through the leaf surface.

Apply early in the morning, late in the afternoon or during evening.

Do not spray on plants that are wilted

Optimal application dosage concentration based on dosage response results.

Total tank concentration should never be lower than 0.75% (750mℓ/100ℓ) and preferably be 1 – 1.5% (1 – 1.5ℓ/100ℓ).

General Recommendation:

Crop	Max rate/ha	Rate /100 ℓ water	Remarks
Pome Fruit: Apples Pears Stone fruit: Apricots, Peaches, Plums Sub-Tropical Fruit: Mango, Avocado, Macadamia, Pecan, Bananas, Litchis Citrus:	Multi-Fol can be applied at a 1:1 ratio with BioPhos . Add 100 - 200 mℓ/100ℓ FulMax to improve uptake and efficiency.	Apply 375 - 750mℓ Multi-Fol plus 375 - 750mℓ BioPhos per 100ℓ tank solution.	First application 2 weeks after first flush with 10 to 21 day intervals up to end of harvest. 50% wetting sufficient.
Grapes: Table grapes Wine grapes	Multi-Fol can be applied at a 1:1 ratio with BioPhos . Add 100 - 200 mℓ/100ℓ FulMax to improve uptake and efficiency.	Apply 375 - 750mℓ Multi-Fol plus 375 - 750mℓ BioPhos per 100ℓ tank solution.	First application between flowering and fruit set. Last application no later than veraison for table grapes and during the lag phase (berry is pea size) for wine grapes.
Root Vegetable: Potatoes Sweet Potato Other Vegetables: Tomatoes, Peppers	Multi-Fol can be applied at a 1:1 ratio with ByoPhos . Add 100 - 200 mℓ/100ℓ FulMax to improve uptake and efficiency.	Apply 500mℓ Multi-Fol plus 500mℓ ByoPhos per 100ℓ tank solution	First application 2-3 weeks after germination. Follow up with 14 day intervals.
Grain: Wheat Maize Canola Lucerne Oats Beans Soybeans	Multi-Fol can be applied with BioPhos Add 100 - 200 mℓ/100ℓ FulMax to improve uptake and efficiency.	Apply 750 -1000mℓ Multi-Fol or apply at a 1:1 ratio with ByoPhos per 100ℓ tank solution	First application 2-3 weeks after germination (4-5 leaf stage). Follow up application 4 – 6 weeks later flag leaf stage for wheat and stalk borer stage for maize, 8-10 leaf stage for other crops).

Contact your Agrilibrum representative to obtain a crop specific Plant Stress Management™ recommendation.