REZIST™

Cu 1.75%, Mn 1.75%, and Zn 1.75%, with polyamines and natural plant extracts.

A patented combination of micronutrients and polyamines, ReZist™ is designed to increase a plant's resistance to disease and nematode toxins. ReZist™ is not a fungicide.

Enables plants to fight or recover from fungal, bacterial and virus diseases (biotic stress) and climatic problems such as drought, water logging and temperature extremes (abiotic stress).

Rezist™ is a product that increases the natural ability all plants have to withstand stress. **Rezist™** is systemic and can be foliar applied or soil applied through soil injection or drip irrigation. **Rezist™** can also be used as a seed treatment.

Benefits of **Rezist™** include:

- Increases resistance to diseases
- Aids recovery from disease (fungal, viral or bacterial)
- Enhances resistance to climatic stress
- Reverses crop decline
- Re-roots crops

Every plant has a natural ability to withstand stress. When a plant comes under stress it produces the hormone ethylene, which causes many of the negative responses of a plant to the stress. Too high levels of stress ethylene affect negatively the integrity of cell membranes and the plants cellular respiration. This leaves the plant more vulnerable to attack.

Rezist™ discourages the plant from over producing ethylene and putriscine (also produced in toxic levels during stress) and encourages the production of polyamines, which protect the plant from disease organisms (similar to antibiotics in animals). This dual effect of decreasing the harmful levels of ethylene <u>and</u> stimulating production of natural protectants make **Rezist™** a powerful tool for any grower.

For best results **Rezist™** should be applied with **SETT™** (foliar) or **Nitro-Plus™** (soil).

Rezist^{TM} has been proven to decrease disease, the effects of climate, and reverse crop decline in an extensive worldwide trial programme.

It can be used on trees, vines, vegetables, potatoes, turf, nursery plants, all field crops, cereals and more.

DIRECTION FOR USE

Tank mix combination with fungicides or bactericides can be prepared by adding 1/2 of the required amount of water to the mix tank. With the agitator running, add the ReZist™ and keep the agitator running and then add the fungicide or bactericide. Maintain agitation until all of the mixture has been applied. Do not let the spray mixture stand overnight in the spray tank. If the compatibility of the tank mixture is not known, before mixing a commercial application conduct a jar test by mixing the proposed mixture in the same ratio in quart jar and letting it stand for 5 minutes. If the combination remains mixed or can be re- mixed readily, it is physically compatible. Use spray pressure and nozzles to produce a fine spray to provide thorough coverage of the crop. Begin treatment when plants are young or new growth begins.

Fruit, Nut and Ornamental Trees:

Deciduous: Apply **ReZist™** at 2 quarts per acre (4.6 liter/ hectare). If fungicides are applied, use 1/2 rates with each spray application throughout the season.

Non- Deciduous: Apply **ReZist™** at 2 quarts per acre (4.7 liter/hectare) when new shoot growth is observed. Repeat spray in 21 to 28 days. Apply in combination with fungicide or bactericide sprays for ease in application.

Field, Vegetables and Vine Crops:

Apply **ReZist™** and at 1 print/ acre (1.2 liter/ hectare). Begin when seedlings are young or new growth starts with perennial crops. Continue sprays every 21 to 28 days or with the normal fungicide spray schedule used. If disease pressure requires more frequent application of fungicides, increase the amount to 1 quart per acre of **ReZist™** as long as these conditions exist.

Greenhouse and Nursery Crops:

Apply 0.5% solution of **ReZist™** as a wetting spray. Use as a tank mix with the fungicide sprays. Spray 7 days before transplanting or harvest.

Turf and Golf Course Grasses:

Apply 0.5% solution of ReZist™ as a fine setting spray. Combine with fungicide sprays. Do not use more frequently than 21 days.