

# Super Take All Resistor

**A concentrated 8% W/V manganese supplement containing a recovery agent based upon amino acids and carbohydrates. Includes a complexing and stability agent to ensure efficient uptake and produce stable complexes over a wide pH range.**

## Features and Benefits

- The application of manganese sulphate has been shown to reduce the severity of Take All Patch.
- Preventive, curative, and recovery agent for Take All Patch.
- Non fungicidal management approach for Take All Patch.
- Complexed manganese (Glycine L-form amino acid) to increase plant uptake.
- Easy to mix within the spray tank.
- Provides relief from summer stress.
- Contains wide range of amino acids and carbohydrates for an immediate source of energy to the plant.
- Acidifying effect (lowers the pH) to help prevent disease on all types of turf.



## Application Rates

Use	Super Take All Resistor Volume	Water Volume	Frequency
Preventative	5 - 10 ltrs / ha	500 ltrs	Monthly intervals
Recovery	5 - 10 ltrs / ha	500 ltrs	Monthly intervals or in extreme circumstances every 14 days at 10 ltr/ha

# Super Take All Resistor

## What is Super Take All Resistor?

Prestige Super Take All Resistor is a concentrated manganese supplement containing a recovery agent based upon amino acids and carbohydrates. It also includes a complexing and stability agent to ensure efficient uptake and produce stable complexes over a wide pH range.

### High Manganese

Manganese deficiency is a problem in the UK. Although most soils contain enough manganese, the soil pH (alkaline soils) influences availability to the plant. Manganese deficiency has shown to greatly enhance Take All Patch development, therefore adequate manganese fertility should be practiced as the application of manganese sulphate has been shown to reduce the severity and enhance recovery of Take All Patch.

Super Take All Resistor contains 8% w/v manganese to reduce the severity of Take All Patch Disease.

### Rooting and Recovery Agent

Super Take All Resistor contains a blend of root enhancing and plant stress relief biostimulants to increase secondary and tertiary root hair structure, this is based on short chain carbohydrates and amino acids. When the plant is under considerable amounts of stress it cannot produce enough carbohydrates itself to meet demands. Super Take All Resistor contains a source of carbohydrates to provide an immediate energy source for the plant to relieve stress symptoms.

### Amino Acids

When stress situations occur, the plant cannot produce enough of the required amount of amino acids, therefore there is a greater demand for amino acids than the plant can meet. Super Take All Resistor contains a full range of amino acids for the plant, which it can utilise and can cross the membranes of cells into the root under stress conditions. It also strengthens the plant prior to the onset of abiotic stress symptoms and act as a recovery of the plant when the plant is under considerable environmental stresses such as disease pressure.

### Complexing and Compatibility Agent

Super Take All Resistor contains a complexing agent to ensure efficient uptake and produces stable complexes over a wide pH range. This makes it the ideal tank mix partner with other nutritional products from the Prestige range, see Prestige tank mix chart.

### Acidifying Effect

Super Take All Resistor can also be used as part of an integrated disease management approach to control Take All Patch Disease. The product acts by acidifying the stem base, changing the localised environmental detrimental to the disease and by naturally hardening the plant to resist attack by Take All Patch.