



TotalTurf SUPAGREEN

A highly concentrated fully water soluble liquid Iron and Manganese fertiliser formulated for the rapid correction of related deficiency in growing plants and fast greening effect for turf.

MAJOR BENEFITS OF USING SUPAGREEN

- Easy to use free-flowing formulation for ease of decanting and 100% soluble for rapid mixing and even coverage.
- Compatible with a wide range of agricultural products effectively reducing the number of applications required. Versatile use for foliar, soil drench or fertigation applications.
- Readily available Iron and Manganese formulated from citrate and sulphate sources, essential to the plant for chlorophyll production and photosynthesis, available in the correct balance in order to achieve the maximum uptake by the plant.
- Contains organic acids and complex carbohydrates to assist the fungal and bacterial breakdown of the nutrients into useable form and assist in the rapid uptake of cations (i.e. Fe, Mn, Zn etc.)
- Safe for use with all turf types.
- Improved plant health fungal and disease resistance.

THE ROLE OF IRON AND MANGANESE

Iron is of key importance in the formation of chlorophyll essential for photosynthesis. It also plays a major role in the various enzyme activity and energy transfer functions involved in respiration and nitrogen fixation.

Manganese too affects the structure of the chloroplasts important in photosynthesis thus affecting the efficiency of this important process. These two elements work hand-in-hand to ensure the optimal production of chlorophyll essential to this process.



TYPICAL IRON AND MANGANESE DEFICIENCIES

Deficiency of both Iron and Manganese are very common on high pH soils or soils having an excess of heavy metals and may also be prevalent on highly weathered sandy soils, due to leaching.

Main symptoms of deficiency include:

- Interveinal chlorosis and general yellowing of the leaves.
- Loss of chlorophyll in young leaves.
- Uneven distribution of chlorophyll in older leaves.
- Severe deficiency may exhibit brown spotting and die back.



**NEW FORMULATION
S·R·N TECHNOLOGY**

PRODUCT CHARACTERISTICS

Specific gravity: ~1.30

Colour: Green

Analysis	Weight/Volume Percent (w/v)%
Nitrogen (N)	15
Iron (Fe)	6
Manganese (Mn)	3

DIRECTIONS FOR USE

Crop	Rate L/Ha	Minimum Dilution	Critical Comments
TURF			
Foliar	5 - 20L/ha	1 : 50	Repeat 14 - 21 days or as required.
Fertigation	5 - 10L/ha	1 : 100	

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 28C, 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.
- DO NOT spray on walkways or walls as this product will stain.

COMPATIBILITY:

TotalTurf SUPAGREEN 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.

