

Simplot

# LIQUIMAXX

WITH UMAXX TECHNOLOGY

# GREENMAXX

20-0-0 + 6% Fe + 1% Mg

Stabilised Nitrogen fertiliser with Iron and Magnesium assisting in the production of excess chlorophyll, giving a longer-lasting deep green appearance & growth in quality turfgrass. The nitrogen is stabilised using UMAXX Technology.



#### ANALYSIS:

20% Nitrogen as Stabilised UAN.

6% Iron as Sulphate

1% Magnesium as Sulphate

#### DIRECTIONS FOR USE TURF:

Tees and Greens: 0.2 - 0.5 L / 100 m<sup>2</sup>

Fairways: 20 - 50 L / Ha

#### WATER RATES:

Tees & Greens: 6 - 10 L / 100 m<sup>2</sup>

Fairways: 400 - 1000 L / Ha

Apply early morning or late afternoon.

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Available exclusively from your nearest Simplot distributor:

**SIMPLOT PARTNERS.** 20 DeHavilland Rd, Braeside, Vic 3195 (03) 9587 4993

**NRRBS.** 1/A Gateway Dr, Labrador, Qld 4215 (07) 5537 7323

**TURFCARE NSW.** Unit 8-24 Clyde St, Rydalmere, NSW 2116 (02) 9684 6611

**TOTAL TURF.** 2 Jessel Place, Duncraig, WA 6023 (08) 9448 5263

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The efficient use of nitrogen is quickly becoming the most critical issue in all types of crops grown. This certainly is the case in Turfgrass where the use of Urea and other Ammonium based fertilisers is used extensively. From the time these types of fertilisers are added to the ground a variety of chemical and environmental changes occur. These changes have a detrimental effect on nitrogen efficiency and the environment. LIQUIMAXX GREENMAXX is a cost effective stabilised nitrogen with iron and magnesium, which helps overcome the inefficiencies and environmental impact of these nitrogen losses while giving improved turf green-up.

Urea, once applied, will undergo a hydrolysis (Breakdown) with the involvement of moisture and the urease enzyme. Urea will be broken down to ammonia and carbon dioxide. Both these gases will be released to the atmosphere. This process is known as VOLATILISATION. This will account for up to 30% of the total nitrogen lost until the fertiliser reaches the soil profile. Up to 20 mm of rainfall or irrigation is required to completely place all Urea into profile. LIQUIMAXX GREENMAXX contains an additive (NBPT), which suppresses the enzyme activity of urease, and allows up to 2 weeks for the fertiliser to be incorporated.

Once the Urea and other Ammonium based nitrogen sources reach the soil profile and immediate oxidation process occurs called NITRIFICATION. With the aid of bacteria the process of ammonium to nitrite the nitrate production is unstoppable. Once the nitrogen has a negative charge it can be easily leached, as it cannot hold onto soil colloids. This leaching is another major loss of Nitrogen, particularly in turf management where profiles are sandy and watering is frequent.

Undoubtedly the most useful tool in maintaining Turfgrass colour without enhancing excessive growth is iron. Iron as a dissociated or dissolved ion will enter the turf via the leaf or the root system and form a carrier compound, (Ferredoxin) which is essential in the formation of Chlorophyll. The application of iron will force turf to produce Chlorophyll in excess thus giving the green up required by Superintendents and Turfgrass managers. The Magnesium and Nitrogen will form the central structure of the chlorophyll cell. The unique combination of stabilised nitrogen, iron and magnesium will ensure colour and control of growth to the turfgrass Manager.

#### THE ADVANTAGES OF LIQUIMAXX GREENMAXX INCLUDE

- More efficient use of all ammonium based fertilisers with less impact on the environment
- Improved production of chlorophyll for improved and sustained turf green-up
- Economic

#### COMPATIBILITY

LIQUIMAXX GREENMAXX is compatible with a wide variety of commonly used spray chemicals. When mixing with chemicals always mix a small quantity (jar test) to observe if any reaction occurs. If jar test is negative do not proceed with application.

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