



LIQUIMAXX GREENMAXX

20% Nitrogen, 6% Iron, 1% Magnesium

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

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.

Urea, once applied, will undergo a hydrolysis (Breakdown) with the involvement of moisture and the urease enzyme. Urea is then broken down to ammonia and carbon dioxide. Both these gases will be released to the atmosphere in a process 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 an 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. where profiles are sandy and watering is frequent.

ANALYSIS:

ELEMENT		Present As	W/V%
NITROGEN	(N)	Stabilised Nitrogen	20
IRON	(Fe)	Sulphate	6
MAGNESIUM	(Mg)	Sulphate	1

DIRECTIONS FOR USE:

APPLICATION	Rate
TEES & GREENS	200 - 500 L / 100 m ²
FAIRWAYS	20 - 50 L / Ha

APPLICATION NOTES:

APPLICATION	Rate
TEES & GREENS	4 - 6 L water / 100 m ²
FAIRWAYS	400 - 600 L water / Ha

Apply early morning or late afternoon.

NOZZLE COLOUR:

OPTIMUM WATER RATE

400 (80 MESH)