LIQUIMAXX 12-0-20

12% Nitrogen, 20% Potassium

PRODUCT IMAGE

MSDS QRCODE

1.38

PRODUCT S.G.

8.0

PRODUCT pH

400
(80 Mesh)

NOZZLE COLOUR FOR OPTIMUM WATER RATE

High analysis stabilised nitrogen and potassium fertiliser with Iron to enhance controlled and consistent growth in turfgrass. LIQUIMAXX 12-0-20 will also assist in colour and hardening off in turf. 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 extensive. 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.

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 12-0-20 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 unto soil colloids. This leaching is another major loss of Nitrogen, particularly in turf management where profiles are sandy and watering is frequent. Potassium affects the way a turf hardens off for the winter. Turfgrass deficient in potassium may suffer greater amounts of injury than turf grown with adequate levels. Higher concentrations of potassium will toughen, harden and make turf more durable as water will not fill the cells and make the turf soft. Potassium is also essential in regulating the osmotic activity and turgidity of cells, important for stomata control.

ANALYSIS:

ELEMENT		Present As	W/V%
NITROGEN	(N)	Stabilised Nitrogen	12.0
POTASSIUM	(K)	Citrate	20.0
IRON	(Fe)	EDTA Chelated	0.5

DIRECTIONS FOR USE:

APPLICATION	Rate	Notes
TEES & GREENS	0.2 - 0.5 L / 100 m^2	
FAIRWAYS	20 - 50 L / Ha	

APPLICATION NOTES:

APPLICATION	Rate	Notes
TEES & GREENS	6 - 10 L water / 100 m^2	Apply early morning or late afternoon.
FAIRWAYS	400 - 1000 L water / Ha	

Distributor

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