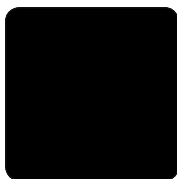


# GMX ORGANIC

12% Humic Acid



PRODUCT IMAGE



MSDS QR CODE

1.06

PRODUCT S.G.

10.5

PRODUCT pH

400  
(80 Mesh)

NOZZLE COLOUR  
FOR OPTIMUM  
WATER RATE

GMX ORGANIC is a highly concentrated formulation of humic and fulvic acids in an aqueous form. Having the organic matter in this form allows for improved management of soil profiles where solid organic matter can cause nutritional imbalance and disease. Humic and fulvic acids provide physical, chemical and biological benefits to both soil structure and turf quality.

A sand profile is nearly void of the organic matter, which is an essential part of efficient soils. Low organic matter in sandy soils has very low capacity to store nutrients and retain water. This places the turf under undue stress increasing disease and weed susceptibility. Humic acids are important organic molecules that form naturally in soils over long periods of time. These large molecules have binding sites that will capture and store nutrients. By adding Humic Acid to any field but particularly to sandy soils, the storage capacity for nutrients can be increased dramatically. A soil that captures and stores nutrients obviously provides a superior foundation for healthy turf. The use of GMX Organic can precisely control the level of humus in the profile and provide the flexibility required to grow quality turf. Adding Humic Acids will increase the ionic exchange capacity of the sandy soils, buffer toxic salts, chemicals, excessive pH ranges and stimulate biological activity resulting in root proliferation.

GMX Organic's indirect effect on the soil can be significant. Macronutrients (eg Nitrogen) and Micronutrients (eg Iron) can be made more available to plants. Inorganic Iron compounds tend to become unstable in the soil and unavailable. GMX Organic can incorporate Iron into a readily available form, making it available for plants to uptake. GMX Organic will also help to increase Nitrogen uptake by plants and increase soil Nitrogen utilisation efficiency. GMX Organic is capable of retaining soil nutrients in an exchangeable form to be made available to plants as required. Although often not always evident on the playing surface, research demonstrates that applications of Humic acid significantly increase photosynthesis, root enzyme activity and root mass which are the foundation of quality turf.

## ANALYSIS:

ELEMENT	Present As	W/V%
HUMIC & FULVIC ACIDS	Leonardite shale	12

## DIRECTIONS FOR USE:

Use	Rate	Notes
TURF	100 - 200 mL / 100m <sup>2</sup>	Apply as required

## APPLICATION NOTES:

APPLICATION	Rate	Notes
TEES & GREENS	6 - 10 L water / 100 m <sup>2</sup>	Apply early morning or late afternoon.
FAIRWAYS	400 - 600 L water / Ha	