



# TourTurf® Sports Turf Acidifyer (STA)

Liquid fertilizer 5-0-0 + 4 % Fe

Improves colour, vigor and promotes quick recovery from secondary damage from turf pests in amenity turf.

TourTurf Sports Turf Acidifyer is unique liquid nitrogen fertilizer with iron and a nonionic natural wetting agent (NWA). The product is made of a synergistic blend of urea nitrogen, two different iron sources and a natural wetting agent designed to improve the colour and health of turf on greens, tees, fairways and football pitches. The product will provide both nutrition and help to acidify the soil profile on all turf areas. The pH value of the product is 2. The pH of the solution in the spray tank will stay at the same low level even when diluted down.



Iron is an essential minor nutrient for the turfgrass plant and is used by the plant for the synthesis of chlorophyll. The use of TourTurf STA promotes a dark green appearance to the sward ideal for cutting the fairways and leaving a pattern. Iron is in the ferrous form (Fe++) making it more readily available to the plant. Also ideal to be used in connection with major golf and soccer events.

The nitrogen source in the form of Ureaic(N) is readily available to the plant and has low scorch potential. Nitrogen helps promote additional growth without overstimulation excessive fertilisation.

TourTurf STA is ideal to be incorporated into cultural management practices as

the product is designed to lower the soil pH over time. A low pH level between 5.5 and 6.5 creates an environment suitable for the growth of the finer turf grass species.

TourTurf STA is ideal to be incorporated into an integrated pest management strategy. An alkaline soil can encourage pest such as worm casting on the surface. Or create the ideal environment to turf diseases. Lowering the pH of soil conditions will create a less ideal environment for such problematic pests and turf diseases. Especially in an environment where the use of pesticides is restricted and undesired.





#### Directions for Use:

- TourTurf STA can be used on all types of sports and amenity turf
- It can be applied all year round
- Cut grass before application
- For continuous soil acidification use regularly
- Repeat every 4 weeks or as necessary until desired pH level is reached
- Watering in is advised but not required

#### Monthly applications designed to acidify the playing surface:

- Rapid Green-Up without excessive foliar growth
- Natural colour year round
- Helps to harden turf making it less susceptible to disease and pests
- Will not interact with Black Layer in water logged soils
- Effective all year round especially in winter months
- Effective in cold weather and when grass growth is slow
- Produces aesthetically pleasing fairways
- Ideal to be cut in stripes, cross striped

#### Application Rates:

Acidification:

40 L in 500 L of water per Ha

Green up:

20 L in 500 L of water per Ha.

#### Tank Mix guide:

TourTurf STA should mix well with a wide range of biostimulants and seaweed.

TourTurf STA should also mix well with growth regulators like Primo Maxx. It is advised always to do a jar test prior to mixing.

#### Mixing instructions:

Half fill the sprayer tank or watering can with clean water. Add the required amount of the product and mix thoroughly whilst adding the remainder of the water.

*Refer to label for further instructions.*



#### Guaranteed content:

TourTurf STA 5-0-0 + 4 % Fe is a compound fluid N fertilizer with iron and a natural wetting agent (NWA).

#### Guaranteed Analysis (w/w):

Nitrogen (N).....	5.00 %
Hereof:	
- Ureaic (N) .....	5.00 %
Iron (Fe) .....	4.00 %
Hereof:	
- Ferris Sulphate (Fe).....	2.50 %
- Ferrous Sulphate (Fe) .....	1.50 %

**Density: 1.3**



#### Distribution:

E. Marker A/S  
 Okslundvej 8, Bov  
 DK-6330 Padborg  
 Tel.: +45 74 67 08 08  
 E-mail: info@emarker.dk  
 www.emarker.dk  
 www.tourturf.co.uk