



For more info

# TourTurf® HPK

## High PK

Oxide: 0-18-12



## Potassium and phosphorus for healthy turf growth.

TourTurf® HPK High PK is a liquid PK-fertiliser, developed for turf. It contains potassium phosphite, seaweed extract, humic acids and essential plant oils. Both phosphorus and potassium are provided in fully water-soluble forms, allowing rapid uptake by turfgrass, particularly under stress. Use TourTurf® HPK to improve turf colour, vigour and resilience at low temperatures of all turf types, including seedlings. Phosphorus is essential for plant metabolism, forming part of enzymes, proteins, and nucleic acids. A deficiency leads to reduced water efficiency, weaker rooting, and poor cold tolerance. While rootzones may contain phosphorus reserves, its uptake depends on solubility in soil water, which is often limited due to chemical binding with other minerals and environmental conditions.

TourTurf® HPK uses phosphite, a more soluble and mobile form of phosphorus with one less oxygen atom than phosphate. This enables it to be quickly absorbed through both leaves and roots. Once inside the plant, it oxidises to release usable phosphorus, promoting strong root and shoot growth, and enhancing tolerance to environmental stress.

Seaweed extract and humic acids are added for additional stress protection. In high-stress conditions, plants struggle to produce enough amino acids, which are vital for protein synthesis. These natural inputs help conserve energy, redirecting it towards critical growth and repair processes.

By enhancing nutrient uptake and improving stress resistance, TourTurf® HPK ensures healthier, more vigorous turf capable of thriving in demanding conditions.

### Guaranteed content

Phosphorus ( $P_2O_5$ ).....	18.0%
Potassium ( $K_2O$ ).....	12.0%
<b>Other elements:</b>	
Seaweed extract.....	3.0%
Humic Acids .....	3.0%

pH: 5.0

Density: 1.26

Nozzles: Spray nozzles for small droplets.



**Oregon State**  
University

### Application



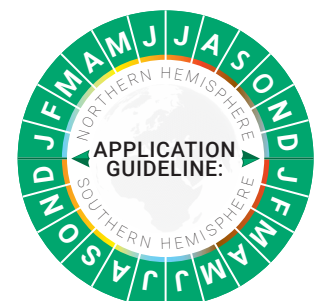
2-4 week intervals all year around.



**Green/Tees/Sportfields:** 10L/ha mixed in 700 L water.  
**Turf Resiliency:** 20L/ha mixed in 700 L water.



Synergy with IDC, FDC, STA &amp; APS



### Order number

8709  
2 x 10 litres per carton

TourTurf® HPK High PK is not sold to customers within the EU!