

MP FILTER PLUS



HORMONAL & NUTRITIONAL SUPPORT FOR TURF ENTERING STRESS CONDITIONS

Most stress management products work by helping turf recover from stress induced damage. MP FILTER PLUS uniquely helps prepare turf for stressful periods. It is specifically designed to optimise stress signalling pathways and enhance the turf's capacity to manage stress. It promotes resilience and physiological stability in turf entering trying conditions such as heat, drought, salinity, and other abiotic stresses.

UNIQUE FEATURES

- Specific organic acids, particularly ascorbic acid, provide protection against oxidative stresses, helping nutrient mobilisation thus enhancing overall turf vitality
- Patented Turf Hormones act as signalling molecules that trigger HSP (Heat Shock Proteins) expression and regulate stress-responsive pathways under heat stress
- Turf stress hormones to induce turf stress mitigation responses under cold & low light stress
- Zinc, Copper and Cobalt trace elements regulate synthesis of hormones and enzymes involved in stress signalling

TECHNOLOGY

MP FILTER PLUS® is a specialised formulation designed to enhance turf resilience under abiotic stress conditions. It contains a synergistic blend of plant hormones, organic acids (including ascorbic acid), and trace elements such as cobalt and zinc, all of which play critical roles in plant stress signalling and adaptive responses. A key feature of MP FILTER PLUS® is its ability to support the synthesis of heat shock proteins (HSPs)—molecular chaperones that stabilise proteins and cellular structures during summer and winter stress events such as heat, cold, drought, salinity, UV exposure, and herbicide damage. The production of HSPs is an energy-intensive process; MP FILTER PLUS® provides the necessary biochemical precursors and cofactors to facilitate this response efficiently. Additionally, the product contains 22 organic acids that facilitate nutrient absorption through both foliage and roots.

USE PATTERNS

Apply MP FILTER PLUS at 5-10 L/ha via boom in 400-600L/ha water or via fertispray and leave on the leaf. Apply 3-4 applications at monthly intervals leading into Summer and / or Winter stress. Applications should commence at the first indicators of stress. MP FILTER PLUS is ideal to use on cool season turf entering summer stress in conjunction with a MATCHPLAY Superior Liquid stress program. It can also be used on warm season turf to retain "form" as it enters Winter.

ANALYSIS

Nitrogen (N)	0.24%
Potassium (K)	2.0%
Magnesium (Mg)	0.24%
Iron (Fe)	0.75%
Sulphur (S)	0.9%
Zinc (Zn)	2.18%
Boron (B)	0.13%
Cobalt (Co)	0.11%
Manganese (Mn)	0.75%
Copper (Cu)	0.25%