



# MP CARBON SPORTS

**18-0-0**

160 SGN Homogeneous Granule

Ca + Mg + Fe + Mn + Carbon + Humates

MP CARBON SPORTS has been developed to address several important and emerging challenges in high quality, soil-based turf situations. ERI root disease complexes are becoming increasingly threatening and chemical control options are proving both difficult and expensive. In addition, the value of minimising the application of unneeded nutrients is becoming increasingly evident with turf managers seeing improved turf quality by not over applying nutrients. The MLSN based nutrition philosophy is gaining momentum and there is a clear and measurable improvement in the soil microbiome as a result.

Enhancing soil health through a stronger soil biology brings numerous turf quality benefits. MP CARBON SPORTS can play an important role in a carefully planned nutrition program by supplying only what the turf needs while providing stimulus to the natural soil microbiome, aiding ERI disease management and improving soil moisture management.

## UNIQUE FEATURES

- Controlled release nitrogen base for steady turf response and colour up to 12 weeks in high quality, soil-based turf situations
- High carbon formula provides up to 30 kg/ha of carbon which stimulates the activity of the soil microbiome
- Activates the applied nitrogen at a healthy, steady rate for uniform, extended colour and growth
- Enhances availability of all nutrients in the soil
- Delivers significantly higher quantities of pure elemental carbon than liquid humic fertilisers.
- High humate content for greater nutrient and moisture retention
- Homogeneous granule for uniform nutrient distribution
- Sufficient manganese to activate turf resistance mechanisms to ERI disease
- Calcium and magnesium to stabilise pH for maximum activity of soil biology

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## TECHNOLOGY

MP CARBON SPORTS contains leonardite brown coal, which is commonly known as the best source for extraction of high-grade potassium humate, a powerful soil conditioner. As a fertiliser additive, leonardite is credited with increasing the availability of nitrogen, phosphorus, and trace elements. The process of urea-formaldehyde condensation produces Methylene Urea (MU) as a nitrogen source with some similarities to that of natural organic nitrogen sources. This includes controlled release of nitrogen and low burn potential. This technology however allows for greater benefits over organic sources such as excellent consistency, improved flexibility in adjusting nitrogen release characteristics and no odour. Methylene urea is made available by soil temperature to match the seasonal growth nutritional requirements of the turf.

## USE PATTERNS

MP CARBON SPORTS can be applied as a maintenance fertiliser, renovation, or after aeration when inclusion into the root zone can be achieved.

Apply MP CARBON SPORTS at 200 kg/ha for maintenance feeding or 300 kg/ha for renovation.

## GUARANTEED ANALYSIS

Nitrogen (N)	18.14%
Sulphur (S)	6.99%
Calcium (Ca)	4.14%
Magnesium (Mg)	2.70%
Iron (Fe)	1.67%
Manganese (Mn)	1.27%
Carbon (C)	6.30%
Humates	10.50%
Copper (Cu)	0.01%

## APPLICATION RATES

200 to 300 kg/ha  
or 2 to 3 kg/100 m<sup>2</sup>