

Melgreen ELITE

Algae-based nutritional biosolution enriched with monomeric silica

During periods of intensive use, turf is subjected to many stresses related to the practice of sports activities (mowing, trampling...).

These stresses disrupt the plant's nutrition and its ability to maintain optimal physiology.

For this, **Melgreen ELITE** provides turf with the nutritional benefits of bioactive ingredients extracted from red algae, and monomeric silica to strengthen the plant's structure. The stabilisation of monomeric silica ensures a perfectly soluble form, which gives it a high bioactivity, even at low doses.

Melgreen ELITE



Combination of red algae extract and monomeric silica

Potassium, Sulphur, Boron, Copper, Manganese, Zinc

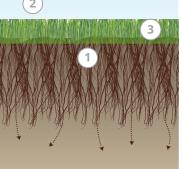
- Stimulation of carbon metabolism
- Maintaining the intracellular osmotic pressure and increased mobility of water and nutrients in the plant
- Increased concentration of antioxidant molecules
- Strengthening of cell walls
- 1 Support of the **turf nutrition** including in **periods of stress** (hydric, thermal...)
- 2 Strengthening the mechanical resistance of the turf and the quality of the playing field surface
- 3 Nutritional support for the plant

QUALITY AND RESISTANCE OF THE TURF



Patented technology combining a red algae extract (Solieriaceae), rich in bioactive nutrients (minerals, trace elements, proteins, sugars, phytohormones and antioxidants) and stabilised monomeric silica

Playing field surface quality and turf strength with Melgreen ELITE



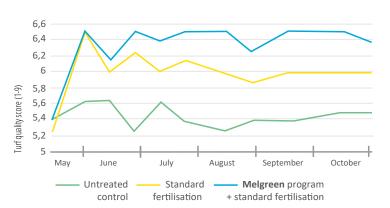


Melgreen results

The Melgreen range has been tested at Purdue University (Indiana - USA) and at Penn State University in Berks (Pennsylvania - USA).

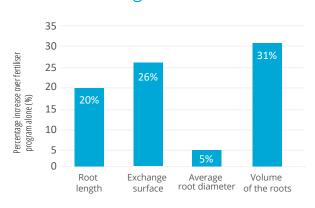
These tests have shown that using the Melgreen program improves

Turf quality



Effect of the Melgreen program on the quality of «Penn Trio» bentgrass mowed at 13 mm on Fairway (Penn State University in Berks - USA)

Rooting of the turf



Effect of the Melgreen program on the rooting of «Declaration» bentgrass mowed at 3.4 mm on Green (Purdue University - USA)

рН Density

Features

Analytical values

Potassium (K ₂ O)	2.0%	Mol
Water soluble sulphur (SO ₃)	3.4%	Zinc
Boron (B)	2 200 mg/L	Silic
Copper (Cu)	8 800 mg/L	Orga
Manganese (Mn)	5 720 mg/L	Dry

Molybdenum (Mo)	110 mg/L
Zinc (Zn)	5 830 mg/L
Silicon (Si(OH) ₄)	1 650 mg/L
Organic carbon (Org. C)	5.5%
Dry Matter (DM)	22.8%

EU Fertiliser: PFC-1.B.II - Organo-mineral liquid K fertiliser and micronutrients (B, Cu, Mn, Mo, Zn)

Recommendations

Melgreen ELITE is used in foliar spraying after dilution.

Shake before use and follow the good mixing practices in force as well as the recommended preliminary tests before the incorporation into the tank.

Packag 5-litre car	
	-0

Technical data

3.3

1.1

App	lications	

jan	feb	march	apr	may	june	july	aug	sept	oct	nov	dec	Dose	Applications
Melgreen ELITE												5 l/ha	Every 3-4 weeks

Melgreen ELITE can be mixed with the other references of the Melgreen range.

Melgreen ELITE can be used in organic farming in accordance with European Regulations (EU) 2018/848 and 2021/1165.

