

TECHNICAL DATA SHEET

FULVIC 40

Fulvic Acids — Soil Improver

Soil Improvers

High-efficiency natural chelators to maximise nutritional availability

Soluble powder with 50% fulvic acid extracts, obtained from plant biomass (sugar beet). Fulvic acids act as natural chelating agents that mobilise micronutrients (Fe, Zn, Mn, Cu) and enhance their active transport into plant tissues. Complemented with 9% total amino acids and 12% K₂O.

WHEN AND HOW TO USE IT?

Incorporate into liquid fertilisation programmes on USGA courses or sandy soils with low CEC, where micronutrient availability is limiting. Apply alongside iron, phosphorus or micronutrient inputs to enhance their absorption efficiency. Particularly useful before and after intensive use periods to stimulate root regeneration and improve soil structure.

KEY BENEFITS

- Natural chelation of Fe, Zn, Mn, Cu for greater availability
- Stimulates root cell division and fine root hairs
- Reduces leaching losses on USGA sand-based profiles
- Enhances efficacy of fertilisers, amino acids and biostimulants

COMPOSITION

Total nitrogen (N)	3.82%
Potassium oxide (K ₂ O)	12%
Total fulvic acid extracts	50%
Total amino acids	9%
Total organic matter	60%
C/N ratio	9.20

APPLICATION

Mode	Liquid fertilisation
Rate	2–4 l/ha in 300–500 l water
Interval	Every 3–4 weeks or alongside fertiliser inputs
Note	Compatible with NPK, trace elements and biostimulants

SPECIFICATIONS

Form	Soluble powder
Colour	Brown
pH	6.25
Density	1.15 kg/l
Dry matter	97.60%
Storage	2 years