

Glycine Chelate vs. EDTA Chelate Comparison

A side-by-side overview of structural and practical differences between glycine-based and EDTA-based chelation.

Feature	Glycine Chelate	EDTA Chelate
Chelate Structure	Natural amino acid-based	Synthetic chelating agent
Plant Nutrition	Provides nutrient + amino acid support	Primarily provides the nutrient element
Foliar Application	Advantageous in suitable formulations	Suitable
Plant Uptake	Supportive structure	Depends on the element and conditions
pH Conditions	Formulation-dependent	Stability may decrease at high pH, especially for Fe
Key Advantage	Combines nutrient supply with amino acid support	Strong and widely used synthetic chelate