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Product Portfolio

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Novel biostimulants and micronutrients for the agriculture and horticulture industries. All our products are manufactured exclusively on-site in Glossop, North Derbyshire.

Biostimulants

Chitosan; one of the few cationic polymers in nature. In agriculture, it can be used as a biostimulant to promote stress resistance, activate plant defences and improve the efficacy of co-applied chemicals and microbials. Plater Bio manufactures fungi-derived chitosan that is available with a range of co-ions and as a liquid or powder. Approved for use in plant protection under EU 'Basic Substance' regulations.

Cold-pressed Seaweed Extract; an excellent biostimulant for promoting rapid growth during crop establishment. Our extract is produced without the use of heat or harsh chemicals that can denature unique algal biochemical (such as vitamin B12). Organic preservation methods help retain the unique odour and colour of seaweed.

Cytokinin Biostimulant; derived from plant extracts with proven bioactivity. It is a useful product for stimulating branching and tillering in turf and cereal crop and to delay senescence in protected edible crops.

Potassium Phosphite; for use as a plant biostimulant to stimulate rapid root growth and proliferation.

Stubble Digester / Thatch Degradar; Plater Bio has developed two products that lead to the rapid breakdown of organic matter in soils. This is of particular importance in two key sectors; no-till arable crops and turf. Both products are exclusive to Plater Bio and utilize our in-house carboxylic acid technology.

Chelates (citrate-chelated micronutrients)

Concentrated form of micronutrients, chelated with organic acids. Use to correct soil deficiencies or as foliar treatment where conventional treatments are causing scorch. All available as liquid concentrates or spray-dried powders.

Ferric Ammonium Citrate; contains 6.5% iron (W/V) chelated with organic acids plus 7.8% nitrogen and 6.5% sulphur.

Zinc Ammonium Citrate; contains 7.5% zinc (W/V) chelated with organic acids, plus 16% nitrogen and 3.8% sulphur.

Manganese Ammonium Citrate; contains 10.3% manganese (W/V) chelated with organic acids, plus 6.4% nitrogen and 6.0% sulphur.

Novel liquid fertilizers

Gold Leaf – ‘one part’ hydroponic fertilizer; Gold Leaf is a revolutionary new hydroponic fertilizer that contains all essential plant nutrients. This means hydroponic growers no longer need to use dedicated ‘A’ and ‘B’ fertilizers.

PB-1 UV Absorber; PB-1 is a novel UV absorbing product that Plater Bio has developed specifically for plants and beneficial microbes. PB-1 strongly absorbs UV light but does not absorb in the visible spectrum to any significant degree and therefore does not inhibit photosynthesis.

Liquid Gypsum; Plater Bio has developed Liquid Gypsum as a soil conditioner, also known as a "soil washing" product. Liquid Gypsum is X2000 more effective than granular gypsum. It is effective deep down into the soil profile without the need to physically work it in. Liquid Gypsum can be used to flush out soil pollutants and contaminants during land remediation.

Phosphorus Liberator; dissolves phosphorus locked up in the soil as calcium phosphate and makes it available to plants. Phosphorus fertilizers are banned or restricted in many countries, but Plater Bio's Phosphorus Liberator allows you to ensure plants meet their phosphorus needs without applying phosphates.