

Amino-Sorb[®]

Amino Acid Supplement



Amino-Sorb is a specialised amino acid formulation designed to optimize essential plant metabolic processes such as root development, shoot growth and seed germination. Available in two distinct formulations – Amino-Sorb F (foliar absorption) and Amino-Sorb R (root absorption) – these products ensure robust turf health through enhanced nutrient uptake and stress management.



Key Features

- Dual Application Options: Amino-Sorb F (for foliar absorption) and Amino-Sorb R (for root absorption).
- Natural Composition: Formulated with essential natural amino acids.
- Versatile Use: Suitable for all turf surfaces.

Key Benefits

- Rapid Absorption: Quickly integrated into the plant via foliage or roots.
- Improved Photosynthesis: Enhances chlorophyll production, promoting plant vigour and health.
- Treatment Efficiency: Can boost the efficacy of turf treatments, including herbicides and fungicides.
- Stress Management: Supports recovery during adverse conditions such as drought, extreme temperatures, and disease.
- Root Development: Stimulates robust root growth, vital for sustained turf quality.
- Enhanced Nutrient Uptake: Improves absorption of moisture and nutrients.
- Seed Germination Support: Facilitates early-stage growth and development.

Why Choose SwardPhite?

Plants naturally synthesize amino acids, the building blocks of proteins and enzymes, essential for metabolic functions. However, during periods of stress, plants may struggle to produce enough amino acids, compromising growth and recovery. Amino-Sorb provides these essential nutrients, ensuring rapid recovery and consistent turf quality.

Formulation Analysis

- **Amino-Sorb F:** Optimized for foliar absorption, delivering amino acids directly to the leaves for immediate uptake.
- **Amino-Sorb R:** Designed for root absorption, promoting deeper nutrient penetration and sustained root health.

Key Nutrient Insights

- **Amino Acids:** Critical for protein synthesis, improving plant metabolic efficiency.
- **Chlorophyll Production:** Aids in photosynthesis, fostering vibrant, green turf.
- **Organic Molecules:** Natural and environmentally friendly, aligning with sustainable practices.

Application Guidelines

Timing

Amino-Sorb can be applied year-round, with particular value during periods of stress, such as:

- Drought
- Extreme temperatures
- Low-light (winter months)
- Following herbicide or fungicide treatments

Method:

Amino-Sorb should be applied with a watering system or sprayer for even coverage. Ensure thorough mixing with water to achieve the desired effect.

Application Rate:

Foliar Application (Amino-Sorb F):

- Use 300 to 500 ml per 1,000 m² in 30 to 50 litres of water.
- Equivalent to 3 to 5 litres per hectare in 300 to 500 litres of water.

Root Application (Amino-Sorb R):

- Apply 1 to 1.5 litres per 1,000 m² in a minimum of 50 litres of water.
- Equivalent to 10 to 15 litres per hectare in at least 500 litres of water.

