



Biotechnica

First in Bioagronomy

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BiaminoAM3

Balanced range of amino acids in a fully soluble powder

Until the 1990s, scientists thought plants could only absorb nitrogen in inorganic forms. In fact it is now known that they can absorb organic nitrogen too and applying amino acids can markedly improve plant growth and health. However, not all amino acid products are created equal and some can actually harm your crop!

Why choose **Biamino AM3**?

- Highly concentrated source; 64% amino acid. NPK = 10-4-8
- Natural L-isomers only; plants can use these directly in the production of proteins.
- Blending amino acids. This is essential to prevent toxic 'feedback inhibition' which occurs when applying single compound treatments. **Biamino AM3** is particularly high in glutamine; known to be essential for optimizing the partitioning of nitrogen to maximise yields.
- Low sodium formulation.

Solutions of **Biamino AM3** provide a bioavailable nutrient source for a wide variety of crops. Regular foliar application provides:

- Strong and sustainable vegetative growth
- Increased crop yield and quality
- Improved resistance to environmental stresses
- Enhanced disease resistance
- Increased Brix levels in fruit crops.

Amino acids content % dry weight

Alanine	4.88	Lysine	6.19
Arginine	6.48	Methionine	1.11
Aspartic acid	5.80	Phenylalanine	2.51
Glutamine	9.00	Proline	2.57
Glycine	2.82	Serine	2.82
Histidine	1.23	Threonine	2.88
Isoleucine	2.90	Tyrosine	1.60
Leucine	4.30	Valine	6.23

NPK

Nitrogen (N)	10.2%
Phosphate (P ₂ O ₅)	3.6%
Potassium (K)	8.0%

General application protocol

Apply 150g/ha every 10–14 days during growing season. **Biamino AM3** can be used in combination with pesticide sprays.

Dissolve in sufficient water to get good leaf coverage and spray until run off.

Do not store dilute solutions for more than three days and clean out spray equipment with fresh water after use.

Follow handling, storage and transportation procedures as outlined in the Safety Data Sheet (SDS).

Ask your Biotechnica representative for specific crop protocols.

Incompatibilities

No known incompatibilities, but Biotechnica cannot predict or guarantee mix success for any product. Always conduct a bucket test to confirm compatibility.

For more information on any of our products see **www.biotechnica.co.uk**