

High Amino-acid, Metabolite and Peptide content with excellent cost-performance ratio.

Eco is an enzymatically hydrolysed Amino-acid based formulation with biologically active free L-amino acids, peptides and metabolites to support efficient crop performance and optimized cost performance balance.

The naturally derived amino-acids, peptides and bioactive metabolites support plant growth, vitality and recovery by enhancing metabolic activity and improving stress tolerance. This results in stronger vegetative development, improved crop colour, enhanced root growth, better flowering and improved fruit set and quality.

Recommended for

- Broad-acre crops
- Industrial crops
- Cost-sensitive nutrition programs
- Cereals
- Liquid fertilizer formulations



ECO -
Optimized Amino acid based technology with excellent cost-performance ratio.

Benefits

- ✓ Supports rapid vegetative growth and plant development
- ✓ Enhances nutrient uptake and nutrient use efficiency
- ✓ Improves crop recovery after abiotic stress
- ✓ Promotes flowering, fruit set and fruit development
- ✓ Cost-efficient solution for large-scale agricultural programs
- ✓ Ideal for liquid fertilizer and biostimulant formulations

Composition	(% w/w)		(% w/w)
Free amino acids	14%	Organic matter	30%
Total amino acids	23%	Dry matter	35%
Organic nitrogen	4.2%	Ash	8%
Total nitrogen	4.2%	Density	1.15 Kg/L
Organic carbon	12%	pH	4.8 - 5.8
Chloride	1%	Metabolites & Peptides	>150 different compounds

Application rate:

Foliar spray 0.25 – 1.0 L/ha (2.0 – 3.0 mL/L water)
Apply during early morning or late evening conditions.

Drip irrigation: 2-3 L/ha

Apply during the first irrigation cycle of the day and flush the system after application.

Repeat applications every 10–15 days during active growth periods.

Suitable for incorporation into liquid fertilizer and biostimulant formulations.

Application time:

Recommended during periods of high physiological demand, including:

- Early vegetative growth.
- Pre-flowering and petal-fall.
- Fruit development

ECO is also recommended during and after abiotic **stress conditions** such as drought, cold, wind, root asphyxia, transplant stress, frost or hail damage.

Free Amino Acid Profile

g/kg product

Alanine	13.0
Arginine	2.8
Aspartic acid	12.9
Cystine	0.4
Glutamic acid	12.3
Glycine	8.3
Histidine	4.6
Hydroxyproline	0.4
Isoleucine	9.4
Leucine	15.0
Lysine	12.7
Methionine	4.9
Phenylalanine	7.3
Proline	7.3
Serine	8.0
Taurine	1.0
Threonine	8.9
Tryptophan	2.63
Tyrosine	5.6
Valine	10.0

**above mentioned figures are indicative*



Packaging

IBC:	1000 L
BARREL:	220 L
CANISTER:	5, 10 & 20 L
BOTTLES:	1 L

Designed for growers seeking reliable amino acid technology with an optimized cost-performance balance

Storage information

Store in the original unopened container under normal storage conditions. Keep tightly closed after use and store in a cool, frost-free place away from direct sunlight. Shake well before use. Avoid extreme temperatures.

Important Notice:

Eco is a naturally derived biological product. Variations between batches and production periods may occur and reflect the natural origin of the raw materials and the absence of synthetic standardisation.

The crops, recommendations and application rates referenced in this technical data sheet may not be registered or approved in all countries. This product must be used in accordance with local regulations, official registrations and approved label recommendations applicable in the country of use. The supplier accepts no responsibility or liability for any use of the product inconsistent with the approved label instructions or local regulatory requirements.