Meet Arginex

Arginex is a next-generation crop nutrition technology from Arevo containing both fertilizer ingredients and amino acids designed for stronger roots, healthier crops, and more sustainable harvests.

A high-purity, single-compound formula built on precision, not chance. It's engineered at the molecular level to stay stable, last longer, and perform consistently.

No live cultures. No unreliable blends. Just science that stands firm when conditions don't. So while fields dry out or flood over, Arginex keeps crops steady, season after season. Because Arginex strengthens from the ground up — producing more robust roots and more reliable harvests.

What is Arginex

Technology built on precision not chance:
Arginex is a high-purity, single-compound formula combining arginine with phosphorus to deliver stable, slow nutrient release

The source:
Arginine is the most nitrogen-rich molecule in nature

The molecule:
It binds with phosphorus to form a stable, slow-release mix.

The result:
A high-purity, non-living formulation that stays where it's applied and feeds plants over time.

How it works

Binds to soil, not washed away
Arginine carries a positive charge, so it binds to negatively charged soil particles instead of leaching away like negatively charged

Builds microbial partnerships
Arginine supports mycorrhizal fungi and beneficial bacteria, strengthening root systems and nutrient flow.

Grows deeper, reaches further
Arginine activates root growth. More root hairs, longer roots, greater reach. Bigger surface area means more water pulled from deeper ground and more nutrients taken up, efficiently.

Releases nutrients on demand
The arginine phosphate bond breaks down slowly, releasing nutrients as plants need them.

Where it works

Arginex is tailored for:

Field crops – Higher yields for soy, corn, winter wheat

Horticulture – Greener garden grown with natural ingredients

Forest trees & eucalyptus – Higher survival, compounding growth

Turf & sports – Resilient grass, deeper roots, longer color hold

The outcome

More crop per unit of nitrogen

Healthier plants, soils and microbial life

Zero nitrogen leaching, more lasting impact

Arginex activates the root zone for stronger crops, healthier soils, and more sustainable harvests.

Why it matters

Overuse of traditional mineral fertilizers waste nitrogen and damage soil life in the long run. Arginex changes that — giving farmers and growers more growth per unit of nitrogen while protecting the environment.

Arginex isn't just another input. It's a catalyst and a movement for systemic change: sparking a chain reaction that makes the whole system stronger and helps growers transition away from harmful chemicals.



Arginex = bound nitrogen + root activation + soil regeneration

Why Arginex stands apart

Arginex combines the best of organic and inorganic nitrogen nutrition. The result is the precise, defined performance of mineral fertilisers, paired with the root and soil microbiome benefits of organic nitrogen.

FEATURE	INORGANIC: MINERAL NITROGEN	COMPLEX ORGANIC: COMPOST & MANURE-BASED FERTILISER	ARGINEX: L-ARGININE BASED NUTRITION
Precise, predictable performance	Yes	Variable	Yes
Well-defined composition	Yes	Variable	Yes
Fast, reliable plant uptake	Yes	Variable	Yes
Low environmental impact	Not provided	Yes	Yes
Stimulates root growth	Not provided	Yes	Yes
Supports beneficial soil microbes	Not provided	Yes	Yes

Proven, trusted, validated

10+ years

10+ years of research from the Swedish University of Agricultural Sciences (SLU)

60+ trials

60+ successful efficacy trials across crops and climates in three continents (EU, North and South America)

70+ patents

70+ patents and CE-marking for safety and performance

Read more at arevo.se
or email info@arevo.

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