



Root change.  
The difference  
isn't what you  
see. It's what  
you feed it.

# Built for the root zone. Backed by science.

01

**SUPERIOR**

Positively charged arginine binds to soil instead of leaching through it. Activates longer roots, denser root hairs, deeper reach.

02

**RELIABLE**

A single molecule. Same formula in every batch. Five-year shelf life - no cold chain, no living cultures, no batch variance.

03

**VALIDATED**

Over a decade of trials. CE-marked. 70+ patents. Proven in the field - and on the pages you're about to turn.

# Tomato

Taller shoots. Denser roots. Same week.



- Arginex plants reached canopy height ahead of the control.
- Root mass packed tight in peat-free media - a firm grip, not a thin web.
- Leaves held a darker, more even green right through the trial.

“Stronger from the start beats catching up later.”

# Lettuce

Bigger heads. Fuller hearts.



- Heads on Arginex roughly twice the size of the control at harvest.
- Tight, uniform cores and visually greener leaves - no airy gaps in the heart.
- Roots filled the plug; the control's roots ran thin and pale.

“Better nutrients in, better flavor out.”

# Basil

More leaf. Less wait.

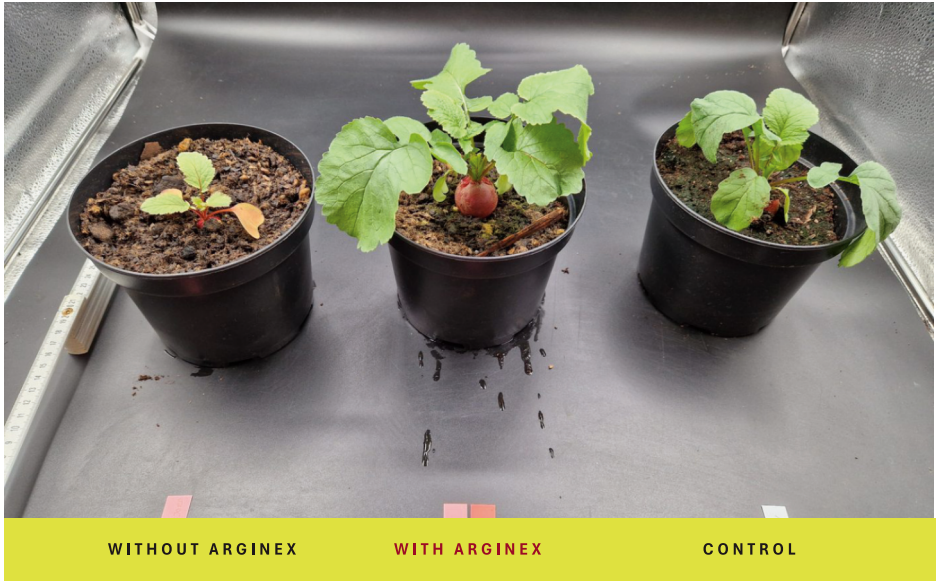


- Arginex seedlings reached the second true-leaf stage first.
- Stems thicker, plants stood taller and held themselves upright.
- Plugs stayed clean - no moss or algae crust on the surface.

“Not only a faster start, but a stronger, healthier plant.”

# Radish

A bulb where there was none.



- Arginex plant set a full red bulb by harvest day.
- Control plants stayed in leaf - no swell, no crop.
- Top growth held its colour right through the trial.

“Roots first. Yield follows.”

# Cucumber

Roots that reach. Plants that hold on.



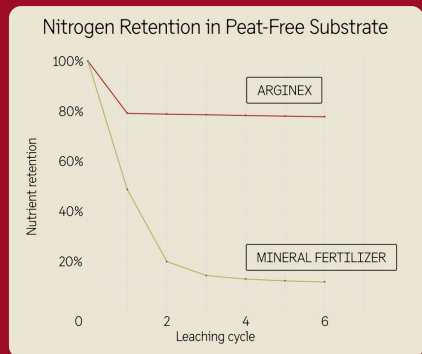
- Arginex root mass visibly denser, deeper, whiter at the tips.
- Stems thicker at the base; leaves broader and more even.
- Transplant shock blunted - plants kept growing through the move.

“What you can't see in the pot, you'll see at harvest.”



# 80%

Organic nitrogen  
that stays put.



Peat-free growing substrates have limited capacity to retain nitrogen. Independent European trials have shown that standard mineral fertilisers can lose more than 90% of applied nitrogen after only a few irrigation cycles, leaving plants with a high initial dose followed by deficiency.

Arginex is a defined arginine–phosphate complex with a positive surface charge. It binds to negatively charged soil particles instead of leaching with irrigation water, releasing nitrogen gradually in the root zone. Across six leaching cycles, Arginex retained approximately 80% of its nitrogen - roughly seven times the retention rate of standard fertilisers.

The outcome: more predictable nutrient delivery, improved nitrogen-use efficiency, and reduced nutrient runoff into surrounding water systems.



Spot the  
difference.

# Tomato



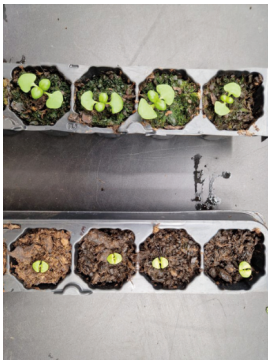
# Lettuce



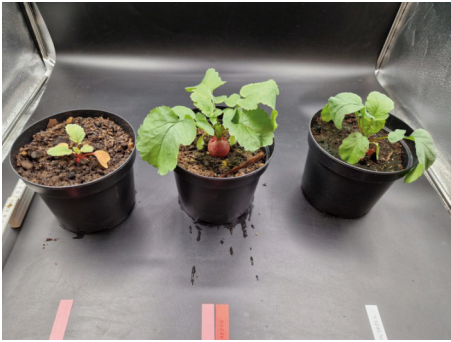
# Lettuce



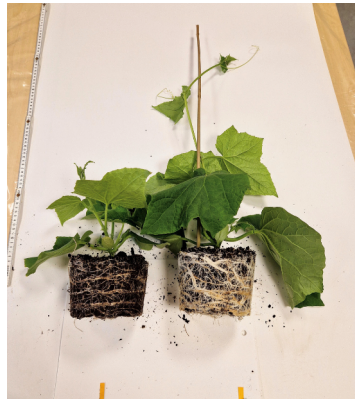
# Basil



# Radish



# Cucumber



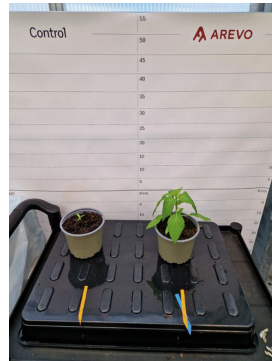
# Beans



# Beans



# Chili



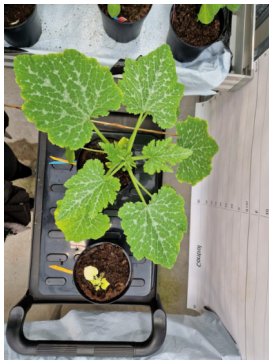
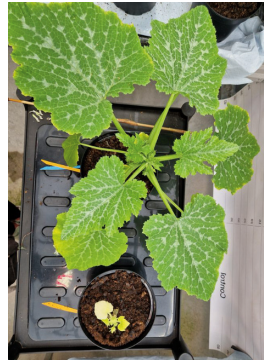
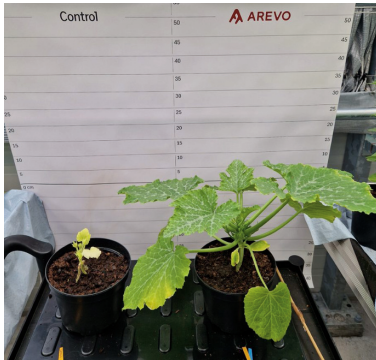
# Chili



# Squash



# Squash



# Squash



# Fennel



# Turnip



# Marigold



# Geranium





# Let's build better garden products together

Arginex helps garden brands deliver visible plant performance while supporting healthier soils and more responsible nutrient use. Talk to us about:

- Powered by Arginex co-branding.
- Trials by crops, product categories, and regions.
- Technical data, commercial and application support.



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