



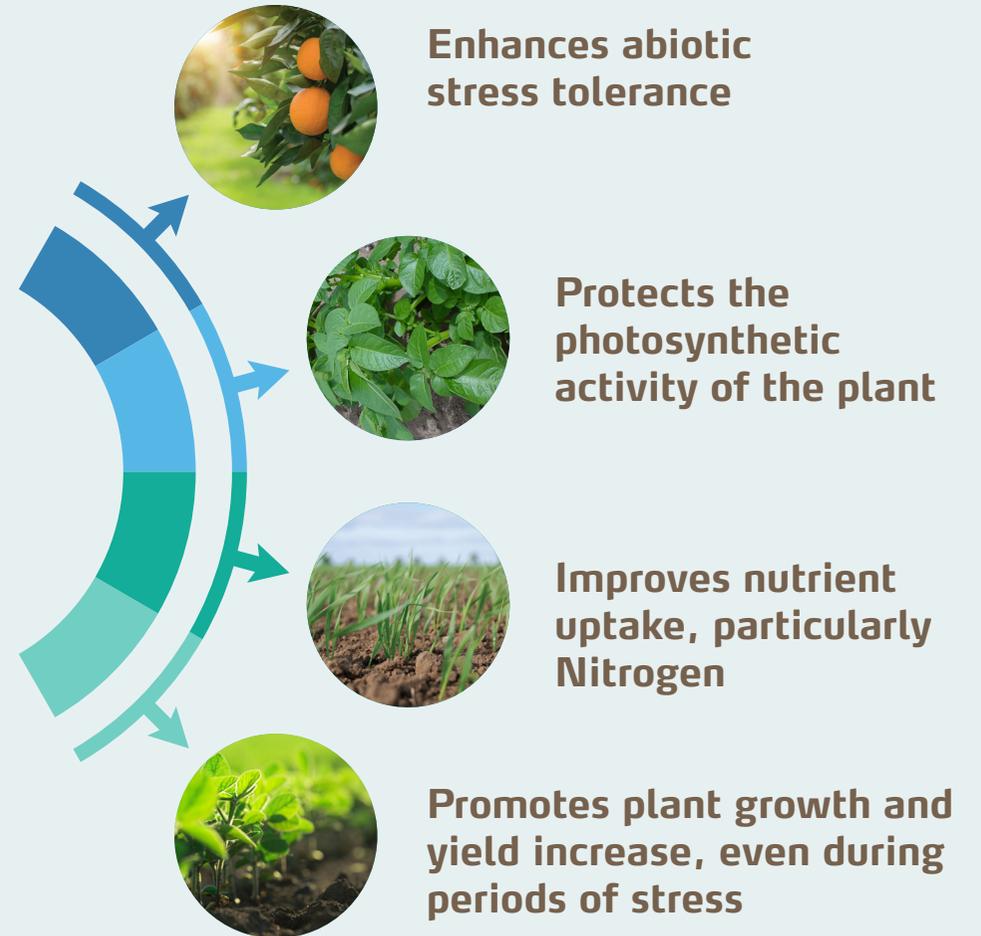
Knowledge grows

# YaraAmplix<sup>®</sup> OPTIVI<sup>™</sup>

**Promotes plant growth and enhances abiotic stress tolerance**

YaraAmplix<sup>®</sup> OPTIVI<sup>™</sup> is a biostimulant that contains a specific combination of peptides and amino acids obtained by enzymatic hydrolysis. This careful process preserves the bioactivity of the compounds and ensures the optimal balance between amino acids and peptides, maximizing the product's efficiency.

YaraAmplix OPTIVI is designed to enhance crops by improving abiotic stress tolerance, optimizing nutrient use efficiency, and supporting crop quality.



## Resilient

YaraAmplix OPTIVI increases the plants resilience by enhancing the plant's tolerance and response to abiotic stress conditions.



## Efficient

YaraAmplix OPTIVI improves the nutrient use efficiency (NUE) in plants to enhance the yield and quality of crops



## Robust

YaraAmplix OPTIVI makes plants more robust by promoting plant growth both under normal conditions and during periods of high metabolic demand.





For more information scan the QR code.

### Tank-mixability

YaraAmplix OPTIVI is both safe and easy to use. It has very good tank mixability and can be co-applied with other nutritional products, including calcium and magnesium, as well as agrochemicals. YaraAmplix OPTIVI is of vegetable origin, making it suitable for organic farming.

### Composition and physical properties

Feature	Detail
Form	Liquid biostimulant.
Active ingredients	Free amino acids & peptides, of plant origin (via enzymatic hydrolysis)
Nitrogen content (Total N)	4.5 % w/w
Total organic carbon	18 % w/w
Density (weight per litre)	~1.17 kg/L
pH : 4.3	<b>Color:</b> Dark brown liquid

YaraAmplix® OPTIVI™:



### Recommendation of use

Rates and timings for application may vary according to country/market, so always consult the product label before use.

Crop	Rates	Application Timing
<b>Vegetables</b>	1 to 3 L/ha (foliar applied) 3 to 5 L/ha (soil applied) Water volume: 200L/ha	Apply up to 10 times starting at early stages and repeat to cover critical stages of development. For abiotic stress tolerance apply 3 to 5 before the stress.
<b>Woody perennials</b>	1 to 3 L/ha (foliar applied) 3 to 6 L/ha (soil applied) Water volume: 200L/ha	Apply up to 9 times starting at early stages and repeat to cover critical stages of development. For abiotic stress tolerance apply 3 to 5 before the stress.
<b>Broadacre crops</b>	0.5 to 3 L/ha (foliar applied) 3 to 5 L/ha (soil applied) Water volume: 50L/ha	Apply up to 3 times starting at early stages and repeat to cover critical stages of development. For abiotic stress tolerance apply 3 to 5 before the stress.

### YaraAmplix® OPTIVI™ in Action

A trial conducted in Picanya (Valencia, Spain), by the research organization Syntech Research Spain in 2024, to evaluate the effect of YaraAmplix OPTIVI on plant physiology and yield tomato plants under drought stress conditions.



**23% increase in abiotic stress tolerance\***



**10% increase in nitrogen use efficiency\***

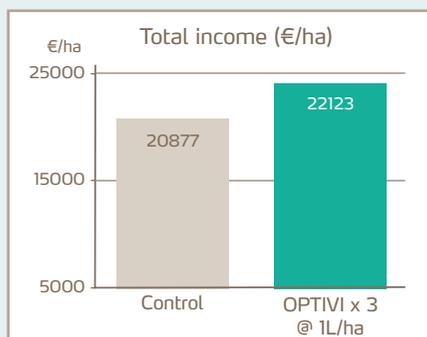


**6% increase in yield\***

**Cultivar: Globe Trotter FI N = 6 replicates/treatment**

with YaraAmplix OPTIVI compared to control treatment\*

### Table tomato – Total income & ROI



	Marketable Yield (ton/ha)	Total income (€/ha)	Cost of program (€/ha)	Net Profit (€/ha)	ROI
<b>Control</b>	33.51	20877	0	0	0
<b>YaraAmplix OPTIVI x 3 at 1 L/ha</b>	35.51	22123	45.0	1201.00	27

**YaraAmplix® OPTIVI™ improved total income versus control and gave a ROI of 27.**