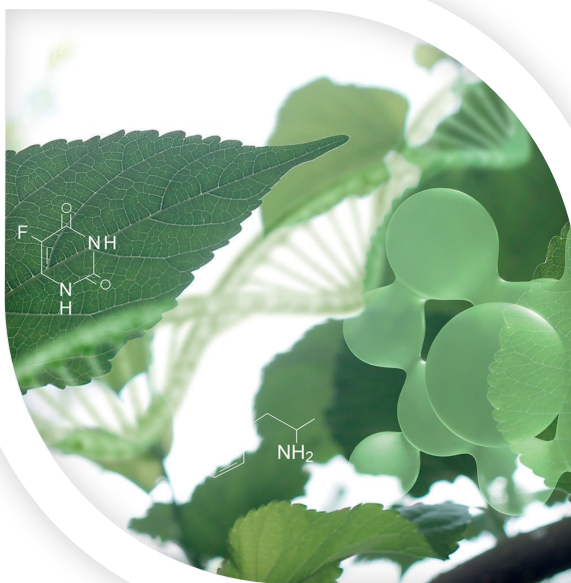
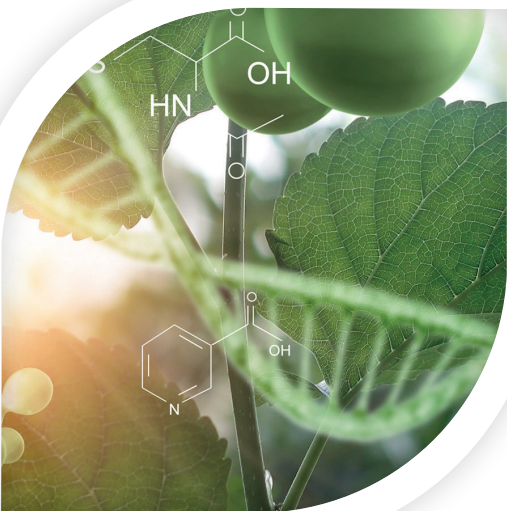


**PATENT
PENDING**

Genergy™ program

Decoding how AlgaEnergy solutions naturally energize your crop's gene expression in less than **2 hours**



What Genergy™ means for your crops?

NON
GMO

The Genergy™ program is the outcome of many years of research decoding the in-crop Mode of Action of AlgaEnergy solutions developed with our **UPT® technology**. The program, supported by extensive genetic research, has underpinned patent applications, validating the uniqueness of the innovation.

Our biosolutions are proven to help maximize the crop's genetic potential making crops more efficient and improving quality and production parameters for growers.

How? AlgaEnergy solutions trigger a response called **upregulation** in your crops key genes, meaning our solutions increase the cellular response of the plant with **statistical significance**, in **less than 2 hours**, and improve, in a **sustained and stable** manner, the critical physiological pathways of the crop.

Fast-acting, Coordinated and Sustained Gene Upregulation



Abiotic stress

- ✓ Sustained protection
- ✓ Apply before to build resilience
- ✓ Apply after to aid recovery



Nutrient uptake

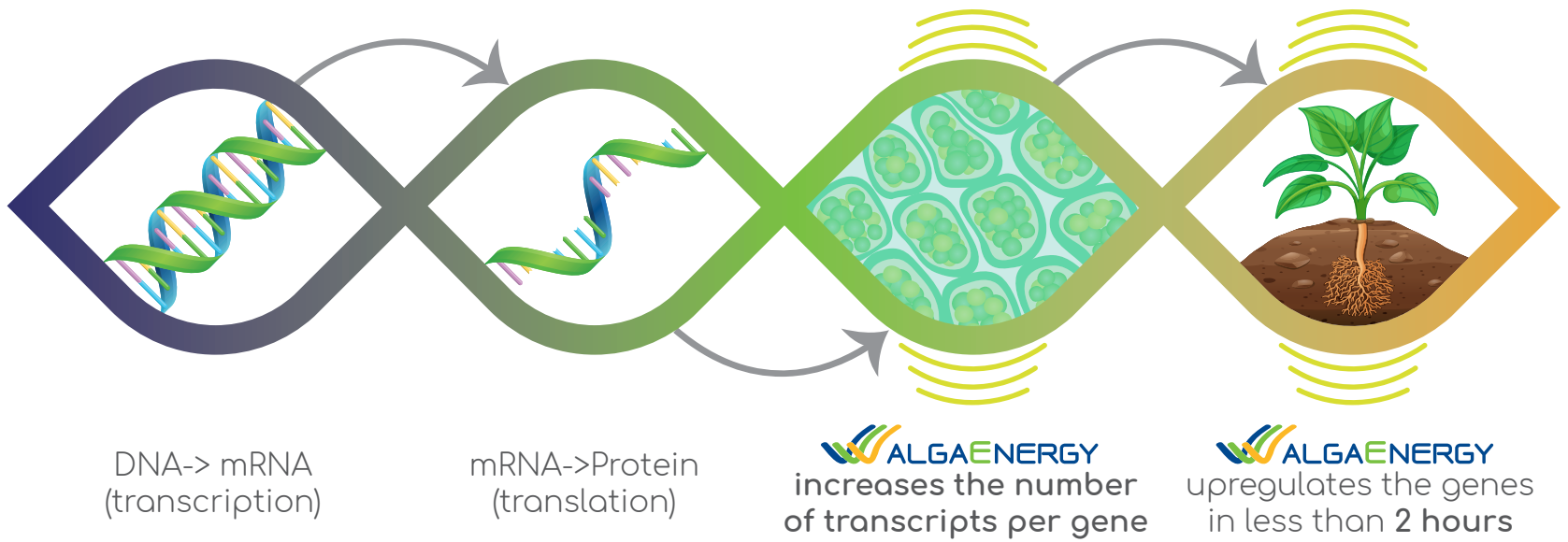
- ✓ Maximize yield potential
- ✓ Improve fruit caliber and weight
- ✓ Enhance quality parameters



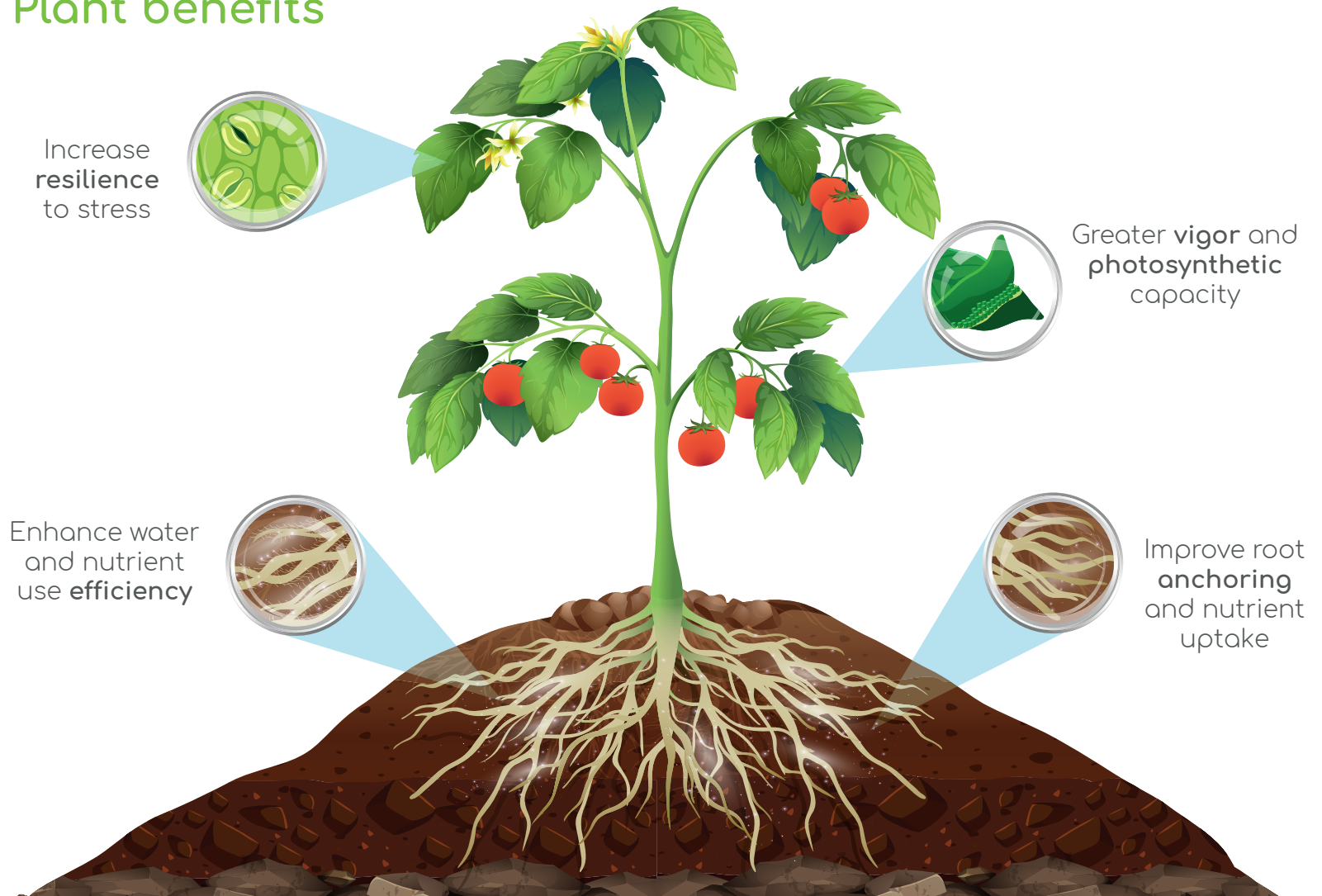
Nitrogen reliance

- ✓ Increase N use efficiency
- ✓ Nitrogen optimization, better performance
- ✓ Reduce environmental impact

AlgaEnergy solutions' Mode of Action



Plant benefits





UPT® stands for “**Ultimate Performance Technology**”. It is the special technology developed by AlgaEnergy that releases all the powerful components of our microalgae mixture content. With a soft process (no chemical extraction), UPT® keeps all the natural benefits of microalgae intact in our final solutions and makes all the microalgae substances accessible to the plants.

Genergy™ program reveals how AlgaEnergy solutions help crops become more efficient by maximizing their genetic potential



Key gene upregulation with statistical significance

Fastest activation of critical physiological pathways

Stable and sustained upregulation

Improved crop efficiency and grower satisfaction

Research conducted in partnership with the University of Seville (Spain) & AgriBio at Latrobe University (Australia).



AGRICULTURE VICTORIA

Wondering how to become more efficient?



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