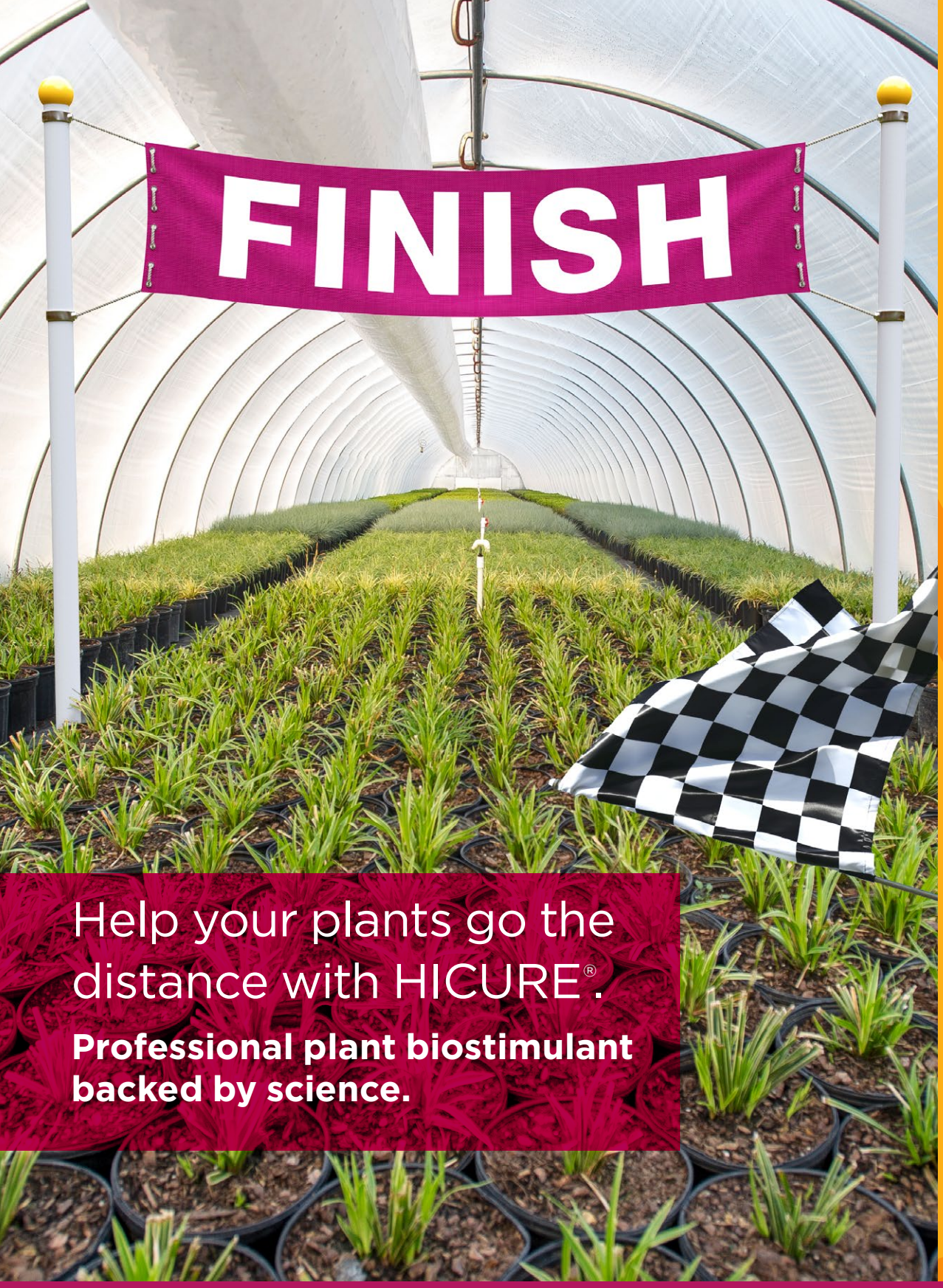


Help your plants go the distance with HICURE®.

Professional plant biostimulant backed by science.

Hicure® Biostimulant

syngenta®

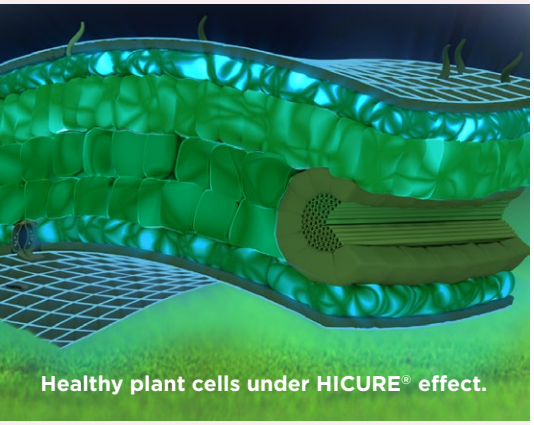
What is HICURE®?

HICURE® is a highly concentrated biostimulant for the horticulture and ornamental industry consisting of amino acids and peptides. HICURE® contains 19 amino acids composing 62.5% w/w of the total product.

FREE AMINO ACIDS
Immediately available to the plant to protect cells from stress.

SHORT CHAIN PEPTIDES
Absorbed more slowly over 7-10 days form proteins as needed by the plant.

LONG CHAIN PEPTIDES
Slow release peptides, being absorbed into the plant over a period of weeks.



Healthy plant cells under HICURE® effect.

Untreated | HICURE® treated

After 7 days at consumer phase
Source: Syngenta.

The Role of Amino Acids in Plants

Amino acids are fundamental ingredients in the process of protein synthesis, influencing the physiological activities of the plant. Leaves and roots rapidly absorb free amino acids and short peptides, whereas long peptides, being larger, act as surfactants on leaves, forming a barrier that diminishes water loss through transpiration, thereby enhancing the plant's drought tolerance.

HICURE® – Of Natural Origin

HICURE® is a product of natural origin derived from collagen hydrolysis, a raw material very rich in amino acids.

The formulation of HICURE® ensures that:

- **It is highly compatible in a wide range of tank mixes.**
- **It is suitable for inclusion in any IPM strategy.**
- **It is safe to all beneficial micro-organisms.**

HICURE® – OFFERS:

Healthier Plant

1. **Effective Abiotic Stress Management Tool**
   - HICURE® stimulates plants during critical physiological stages and improves plant defense mechanisms under stress.
   - HICURE® assists to maintain plant quality under difficult growing conditions through L-Proline & L-Glycine, which fortify cells against osmotic stress caused by:
     - Extreme temperatures (heat or cold),
     - Insufficient light (shade),
     - High periods of disease and insect pressure.
2. **When used in a program approach (preventative), it can assist in reduction on plant protection products.**
3. **HICURE® amino acids will assist with regulating nitrogen uptake while promoting changes in enhancing root, shoot and flowering.**
4. **HICURE® will increase plant's yeild and quality, leading to a longer shelf life and an improved looking plant.**

Supercharge Your Roots

1. **Early seedling development.**
2. **Enhancing root development.**
3. **Use every time you pot up, or when transplanting.**
4. **Plant establishment.**

Proven Science

1. **HICURE® delivers sound knowledge around science.**
2. **Validation through trial data.**
3. **Best used in a programed approach with applications made prior to peak pressure periods.**
4. **Neutral pH.**

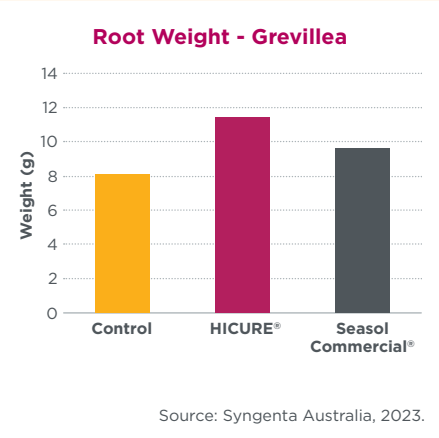
Example of the reduction of transplant shock when using HICURE®.
Source: Syngenta, 2013.

HICURE® Trial Studies

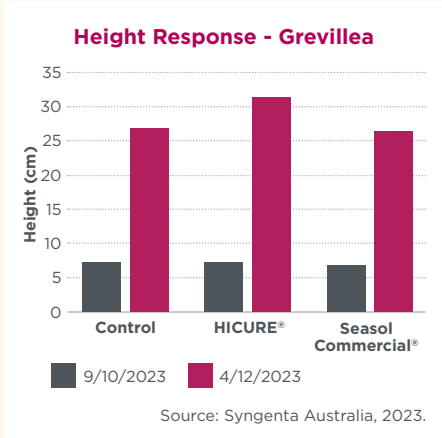
HICURE® has been tested extensively in local and international studies across a wide range of horticultural and ornamental crops and plants.

Root Weight and Plant Height

HICURE® produced significantly more root weight in *Grevillea spp.* in 8 weeks compared to an industry standard. More root weight means more mass and improved nutrient uptake. As a result, plant height was also significant.



Source: Syngenta Australia, 2023.



Source: Syngenta Australia, 2023.

Improved flowering and root mass for Cyclamen, at 4 weeks at consumer phase.
Source: Syngenta.

Improved root mass after treatment with HICURE®, at Delphy, Netherlands.
Source: Syngenta.

Hicure® Biostimulant

syngenta

Applications of HICURE® in a program can enhance plant growth and quality, being especially beneficial during periods of abiotic stress and assisting plant recovery. For optimum plant quality, HICURE® should be used in conjunction with practices that promote good plant health. Best results will be obtained when applied at regular intervals starting prior to periods of plant stress.

- **Safe to use on all plant types.**
- **Excellent tank mix partner with fertilisers.**
- **Timing: HICURE® can be applied throughout the year and at any growth stage. It is most beneficial at potting up and seedling stages to enhance root development.**
- **Formulation: Liquid.**
- **Pack size: 1 L & 10 L.**

Ornamental & Landscape Situations	Treatment type	Rate	Critical Comments
General plants, Nursery plants, Transplanted plants, Annual plants, Trees and shrubs, Bedding plants, Cut flower productiwon plants, Indoor plants	**Foliar**	**1.25 – 2.5 mL** per litre of water	Apply to the point of runoff. Recommended application interval of 7 – 14 days.
	Soil drench	**2.5 mL** per litre of water	Recommended application interval of 7 – 14 days. Pots and in-ground: drench with appropriate water volume to move the product into the rootzone.

Mixing and Application

HICURE® can be applied with all kinds of spray and drench application equipment. Make sure the sprayer is clean and calibrated to give an even application at the correct application volume.

HICURE® will help your plants go the distance from leaving the nursery, to sitting on retail shelves and being planted out. With HICURE®, your plants will maintain their healthy appeal and remain beautiful for the entire journey.

For more information scan or click the QR code or speak to your local Syngenta Territory Sales Manager

Hicure® Biostimulant

syngenta