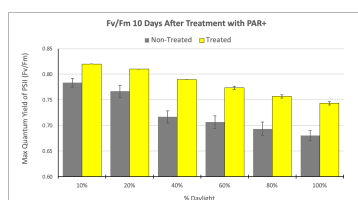


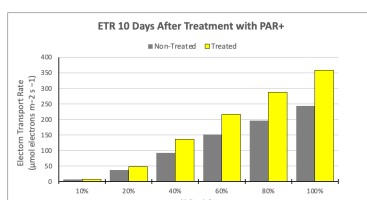
## Increases photosynthesis in **ALL** plants

***A natural plant extract that enhances photosynthesis and increases antioxidant production in ALL indoor plants.***

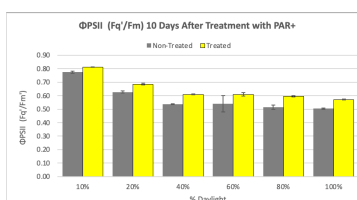
Boosting the rate of photosynthesis is a powerful tool in growing strong and healthy plants by increasing plant vigour, resilience, stress tolerance, efficient nutrient use, plant growth and production of secondary metabolites (colour, smell, taste etc.). **PAR+** is proven through trials at the University of Nottingham Sutton Bonington plant research centre.



Effects of PAR+ on Maximum Efficiency of PSII Photochemistry (Fv/Fm).



Effects of PAR+ on the Electron Transport Rate (ETR), the speed of photosynthesis.



Effects of PAR+ on the efficiency of photosynthesis (ΦPSII) in real-world light conditions.

**Interpretation: PAR+ treated turf (yellow bars) is more efficient at converting light into chemical energy in all light conditions, i.e. the plant produces more energy for carbohydrate production.**

- increased plant metabolism for healthier growth in all conditions
- strengthened defenses against the effects of environmental stress
- resistance to the effects of low and excessively high: light, heat, cold, salinity and drought conditions.

**PAR+ is supplied as:**

- 1L liquid concentrate, which includes micronutrients that help to promote photosynthesis
- 10g sachet of soluble PAR+ powder that is used to make a liquid concentrate for further dilution.

### Application Guidelines

**Powder:** Dilute 10g of powder in 1 liter of water to produce a stock concentrate.

**Liquid:** Dilute PAR+ concentrate in 1L water to produce a ready-to-use (RTU) solution

Dilute the purchased liquid concentrate and the made-up liquid from the powder at the following rates:

- **Lower concentration (2-4 ml/L of PAR+ concentrate):** This level can promote chlorophyll synthesis for enhanced photosynthesis and improved plant health
- **Moderate concentration (4-6 ml/L of PAR+ concentrate):** For enhanced antioxidant production and stress tolerance (such as against salinity, heat or drought) and increased nutrient uptake.
- **Higher concentration (6-8 ml/L of PAR+ concentrate):** Boosts flower development and increases yield.

**Growing trials would need to be carried out to determine the correct rates for each plant species.**

**PAR+** can be tank mixed with any other fertilisers and biostimulants as required.

### Storage

Unopened sachets can be stored in a cool, indoor environment for up to 2 years

Store opened but unused sachets of **PAR+** powder in a cool, dry environment for up to 6 months

Stock solution concentrate and diluted stock solution can be stored in a fridge for up to 4 weeks.

**Contact us now for more information**

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**Email: [enquiries@swagronomy.com](mailto:enquiries@swagronomy.com)**

**Web: [www.swagronomy.com](http://www.swagronomy.com)**