



Rothamsted Research Selects Heliospectra LED Lighting Solutions for Retrofit of Controlled Environment Plant Growth Chambers

(GOTHENBURG, Sweden / SAN FRANCISCO, CA, December 23, 2019) – Heliospectra AB (publ) (OTCQB: HLSPY, FIRSTNORTH GROWTH MARKET: HELIO), a world leader in intelligent lighting technology for greenhouse and controlled plant growth environments, announces a new order from Rothamsted Research in Harpenden, United Kingdom. Heliospectra will replace antiquated metal halide lighting with new [MITRA modular LED grow lights](#) and [controllable spectra DYNA LED solutions](#). The order value is SEK 1.9 million (£ 160 000).

One of the world's oldest agricultural research institutions, Rothamsted Research works with a wide array of food and cereal crops in both glasshouses and walk-in plant growth chambers. The new Heliospectra LED solutions offer ease of installation for the large scale retrofit of existing chambers and significant reduction in energy use with long-term cost savings.

"Heliospectra's advanced spectra control, the proven performance of their LEDs and the quality of light output will enable our research teams to customize intensity and photoperiod to meet precise light requirements across Rothamsted's diverse experimental crop portfolio," said Fiona Gilzean, Head of Horticulture and Controlled Environments for Rothamsted Research. "The integration and flexibility our scientists will have with the new Heliospectra LEDs when compared to traditional horticulture lighting will greatly expand our application capabilities."

Research teams across the globe continue to push the boundaries of plant response and LED lighting strategies with Heliospectra's DYNA research light which features nine adjustable or tuneable wavelengths and software control. The company's revolutionary MITRA modular LED solutions offer a streamlined silhouette and IP67 rating with high intensity light and full dimming control.

"Heliospectra's collaboration with Rothamsted Research will assist the plant science community's work with light spectra and help to validate consistent crop performance results. More importantly, the opportunity to work with Rothamsted demonstrates how simple and easy the installation of intelligent LED lighting to retrofit existing academic research facilities can be," said Karin Dankis, Director of Product Management and Engineering for Heliospectra.

The order will be delivered in early 2020.

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Heliospectra AB (publ) (OTCQB: HLS, FIRST NORTH: HELIO) is the global leader in intelligent lighting technology, light control systems and related services for greenhouse and controlled plant growth environments. With the vision to make commercial crop production more connected and resource-efficient, Heliospectra integrates customized LED spectral strategies with real-time response and artificial intelligence to create predictable and reliable business forecasts and harvest results. Founded in 2006, Heliospectra is committed to helping growers and commercial producers across six continents consistently increase yields and produce crops with quality appearance, superior nutritional or medicinal value and longer shelf life, harvest after harvest. Heliospectra is the recipient of multiple international awards and recognitions. For more information, please visit <https://www.heliospectra.com>.

Company HELIO is listed at Nasdaq First North Growth Market with Redeye AB as Certified Adviser: Certifiedadviser@redeye.se, +46 (0)8 121 576 90.

Forward-Looking Statements

The statements in this press release constitute forward-looking statements within the meaning of federal securities laws. Such statements are based on our current beliefs and expectations and are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are beyond our control. In addition, such forward-looking statements are subject to assumptions with respect to future business strategies and decisions that are subject to change. Potential risks and uncertainties include, but are not limited to, technical advances in the industry as well as political and economic conditions present

within the industry. We do not take any obligation to update any forward-looking statement to reflect events or developments after a forward-looking statement was made.

This information is information that Heliospectra AB (publ) is obliged to make public pursuant to the EU Market Abuse Regulation. The information was submitted for publication, through the agency of the contact person set out above, at 15:30 CET on December 23rd 2019.