heliospectra

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Attention: News Manager

Heliospectra (publ) best in new study carried out by the University of Akron Research Foundation

Heliospectra AB (publ), which is a world leader in intelligent lighting technologies for plant research and greenhouse cultivation, gets top score in a new study carried out by the American University of Akron Research Foundation. In the study, Heliospectra's LX60 got the best score out of the light sources tested.

The study, which involved lettuce (Lactuca sativa: v. Green Star), grown in a greenhouse hydroponic environment for a period of 45 days, included four of the leading commercial players in artificial light sources: Gavita, iGrow, Lumigrow and Heliospectra.

"We are incredibly satisfied with the evaluation made by the University of Akron in the USA, which again shows that plants cultivated under Heliospectra products are of very high quality. The study confirms the results we got when we performed a similar practical comparison with some of the world's leading growers," says Staffan Hillberg, CEO Heliospectra.

Light Source	Fresh Weight	Dry Weight	% Chg	Brix	Taste/Texture
Heliospectra	6.0 oz.	2.2 oz.	63.3%	6	9
IGrow	6.2 oz.	2.1 oz.	66.1%	3	7
Lumigrow	4.8 oz.	1.9 oz.	60.4%	4	6
Gavita	10.0 oz.	2.6 oz.	74.0%	3	7

In the study summary and conclusion, Heliospectra receives the best score. In the "Brix results", used to measure sugar values in plants, Heliospectra got a score of 6. Its closest rival, Lumigrow, scored 4. Also in the measurement of sensory properties such as taste and consistency, Heliospectra was a clear leader with a score of 9. Indicating excellent taste and texture. Here iGrow and Gavita were next, both scoring a 7.

In its evaluation, the University of Akron Research Foundation writes:
"Heliospectra ranks highest, with a deep, dark green colour to the leaves, a sweet taste, crisp consistency and good liveliness. The study found that Heliospectra's LX 60 produced the best and most attractive lettuce out of the light sources tested."

"Our hydroponic lettuce study clearly points to Heliospectra's LX60 as the industry leader," says Ruth Zito, horticulturalist and one of the people behind the study.

Heliospectra is delighted by the study, although the results regarding taste and quality are not surprising. "Taste and quality are, of course, two particularly important parameters when you judge vegetables. At the same time, we at Heliospectra would also like people to consider energy consumption, which will be very important for cultivators of the future. And here too, tests show that professional cultivators using LX 60 can save up to 50 per cent energy compared with other light sources," says Staffan.

The whole study is available at www.heliospectra.com/reviews

About Heliospectra AB

Heliospectra AB (publ - listed on NASDAQ OMX First North HELIO ISIN SE0005933082 as well as North American ADR OTCQB: HLSPY Cusip: 423281104) (www.heliospectra.se) specializes in intelligent lighting technology for plant research and greenhouse cultivation. Heliospectra products are based on in-depth knowledge in plant physiology and photosynthesis along with a unique way to utilize modern LED technology. After six years of development in Sweden, the company has now begun to expand into the international market. The company has raised more than $ 15 million in venture capital and has received more than $2.6 million through academic scholarships and grants. It has also received numerous awards for its forward thinking technology. Principal owners: Weland Steel www.welandstal.se, Swedish Industrial Fund www.industrifonden.se, Midroc www.midroc.se, Wood & Hill Investment www.whab.se

Forward-Looking Statements
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