

## **LED Grow Lights and Chrysanthemum**

Chrysanthemum needs longer day light for vegetative growth and propagation. August and September, due to their long day hours secure the natural conditions for the growth.

However, until recently the greenhouses had to temporarily stop the growth of chrysanthemum in winter. Fortunately, the arrival of LED growth lamps seems to have resolved this issue. LED growth lamps on the one hand increase the day light in the winter and on the other, secure the right wavelengths (Blue 460~490nm and Red 620~645nm) for boosting the chrysanthemum's growth.

Recently, one of the leading UAE companies in the field of agricultural services installed 15 pieces of ALTLED™ grow lights in her green house in Abu-Dhabi to test the efficiency of the latter on boosting the vegetative growth and propagation of chrysanthemums. The results did not wait long to manifest themselves. The chrysanthemum flowers, which were put in the seeding trays had grown due to longer day life, which was artificially secured by the LED grow lights.

It goes without saying that this very important factor will increase the company's income, which would have been less in absence of the growth of chrysanthemum in winter time.

Should you need more technical and commercial information, please do not hesitate to contact us at [info@ultraecollc.com](mailto:info@ultraecollc.com).







