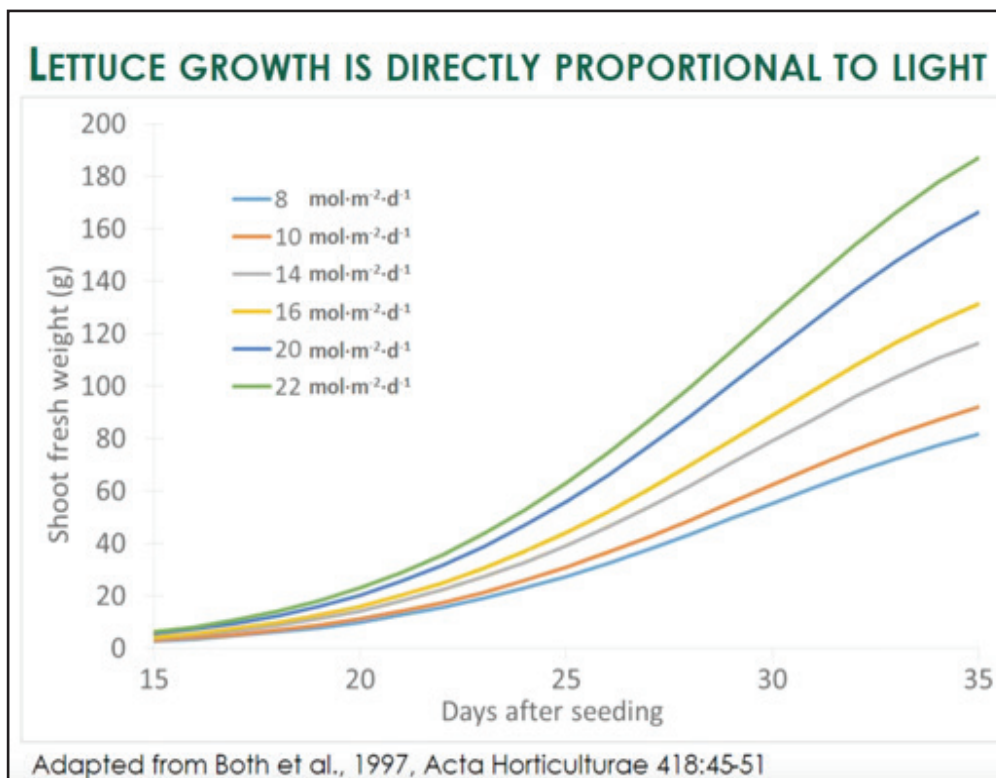




Greenhouse Supplemental Lighting for Lettuce

Independent research has proven that greenhouse lettuce production can be dramatically enhanced with supplemental lighting. The graph below shows lettuce mass is directly related to the amount of light it receives.



Thrive Agritech's Boost LED light is an ideal greenhouse supplemental light, featuring:

- Energy efficient LED technology
- Virtually shadow-free
- Optimized light spectrum for greenhouses
- Waterproof construction
- Easy installation
- UL approved
- 5-year warranty



Boost LED Light



Greenhouse Supplemental Lighting for Lettuce

Return on Investment (ROI)

Greenhouse growers typically see a quick return on their investment in supplemental lighting for lettuce production. The added light increases crop mass, which in turn increases profits. An example payback calculation is presented below; contact Thrive Agritech to run the numbers for your specific greenhouse.

Item	Quantity (for each harvest)	Comments
Increase in lettuce mass	3 kilograms	Per light fixture
Added revenue	\$21 per light	Wholesale price of \$7 / kilogram
Operating cost of lighting	\$5.50 per light	Energy cost of \$0.08 / kWh
Added profit	\$15.50 per light	
Payback	22 months	

* Payback assumes 8 harvests per year, and includes purchase price of the lighting.