



EVA3™ Trials

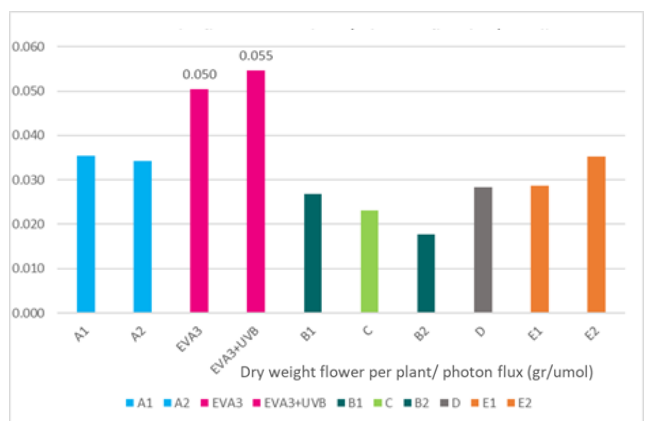
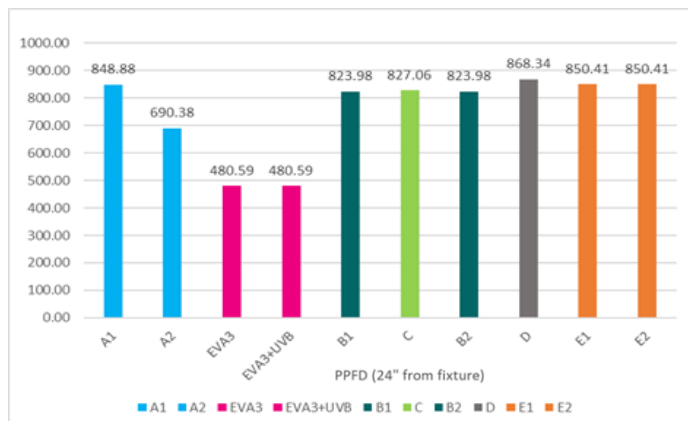
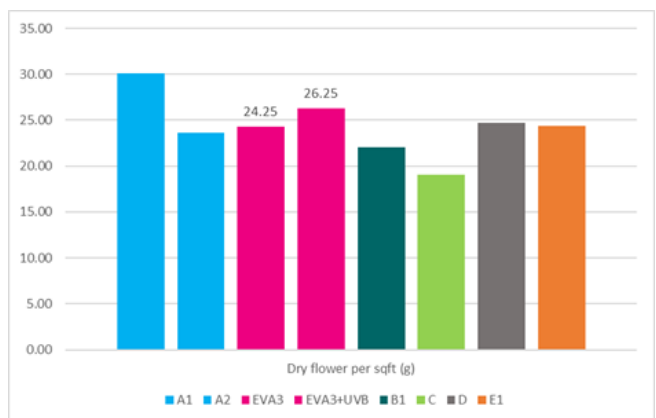
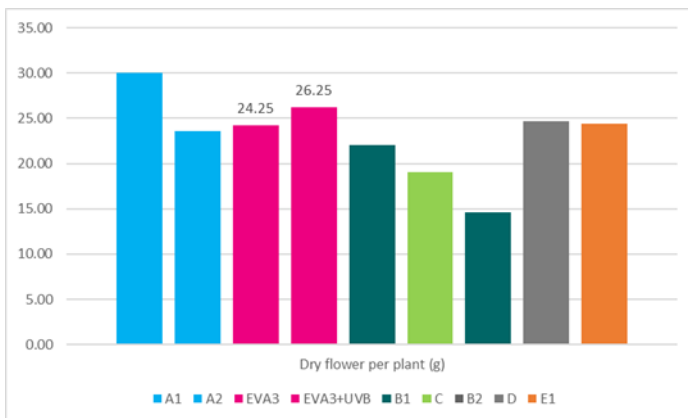
LED technologies comparison

EVA3™

During 2019, Fotonica™ engaged with a leading cultivation facility in Ontario, Canada in order to demonstrate its EVA3™ superiority. In the described trial several LED fixtures of other manufacturers (5) were compared. We used the EVA3 with and without UVB in the light recipe. Trial was for a full indoor cycle with vertical racks.

RESULTS

EVA3™ achieved higher flower biomass per plant and up to 37.7% more per sqft than most fixtures with only 58.4 – 55.4 % of others intensity. We achieved higher photon efficacy which proves the better light spectrum of the EVA3™.



EVA3™ - with 11 adjustable wavelengths exceed 1,400 $\mu\text{mol/s}$ and 1,100 PPFD from 1.5 high.