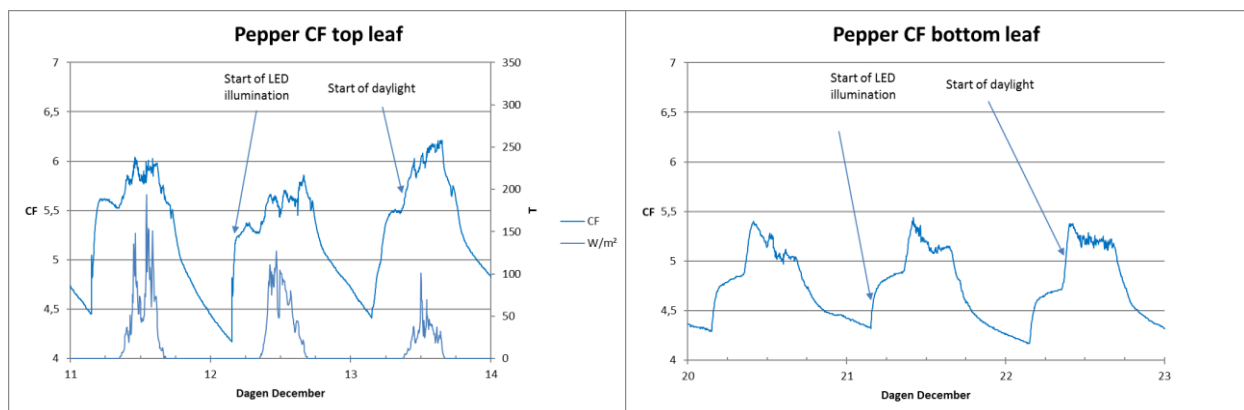


ShowCase Agro Chlorophyll Fluorescence

Sendot Research B.V.



Chlorophyll Fluorescence is more and more used as a tool in agro-applications. It is used for measurements on seed and in seed production for harvest and seed storage optimization. Chlorophyll Fluorescence measurements are also used for crop growth strategy optimization. With the Sendot Chlorophyll Fluorescence sensor an new reliable tool becomes available.



The graphs above show the Chlorophyll Fluorescence of a top leaf (left) and a bottom leaf (right). The difference between the two is clear. There are two points during the day that clearly show a dramatic change in Chlorophyll Fluorescence as can be expected. The first is the time the LED illumination is switched on early in the morning, the second is the start of the daylight.

Together with all other data accumulated in greenhouses, Chlorophyll Fluorescence can show optimization effects and limitations in your growing strategy.