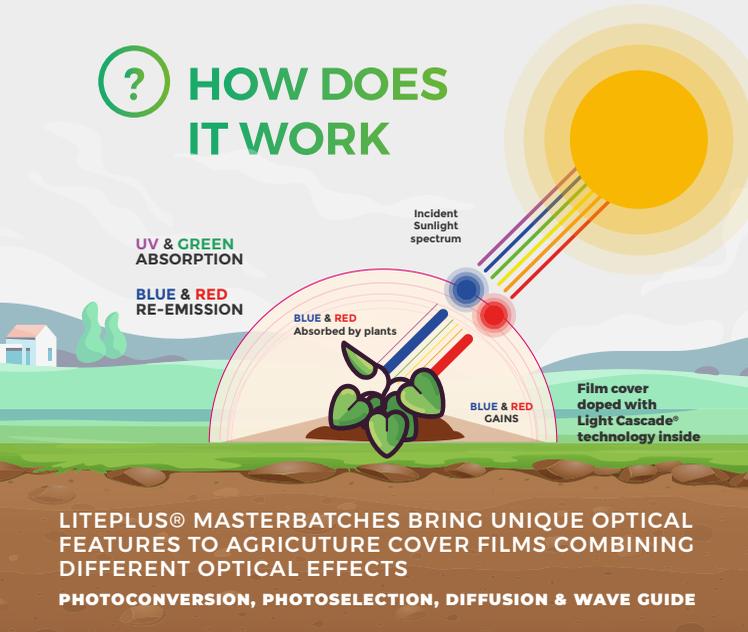


## LIGHT CASCADE® TECHNOLOGY

integrated in your greenhouse film modifies sunlight to boost BLUE & RED wavelengths beneficial to photosynthesis & photomorphogenesis

### HOW DOES IT WORK



## OUR PRODUCTS

Optically Active Masterbatches integrated into agriculture films adapted for each crop

## CONTACT



WEB SITE  
[www.lightcascade.com](http://www.lightcascade.com)

E-MAIL  
[contact@lightcascade.fr](mailto:contact@lightcascade.fr)



ADDRESS : 91 rue de Roissis 92140 Clamart France



Agronomic data presented in this document are for information purpose only and do not, in any case, commit CASCADE company. CASCADE masterbatches are integrated in agriculture plastic films. It is necessary to follow installation and use recommendations of the film manufacturer

## LIGHT CASCADE® TECHNOLOGY

ENHANCES SUNLIGHT FOR YOUR BERRY CROPS



### PROVEN AGRONOMIC BENEFITS

More than 100 trials in total since 2013  
44 berry trials since 2016

- Increases crop yields
- Earlier harvests
- Improves crop quality
- Secures yields and fruit quality under unfavorable conditions



### SUSTAINABLE TECHNOLOGY

- Efficient use of natural sunlight
- Without compromising recyclability



### EASY TO IMPLEMENT

- Does not interfere with pollination
- Does not change farming practices

### PATENTED TECHNOLOGY



SCAN TO DOWNLOAD

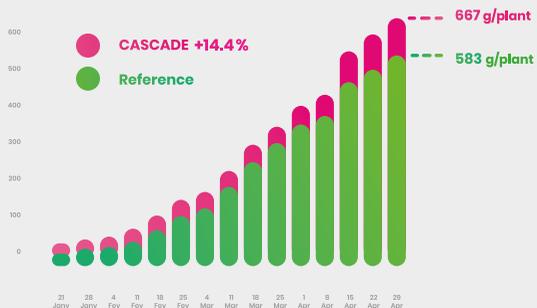


READY FOR  
POLYTUNNEL  
BERRIES

EVALUATED IN  
SPAIN  
FRANCE  
UK

## STRAWBERRY

27 STAWBERRY TRIALS SINCE 2016



## Huelva Professional Grower trial

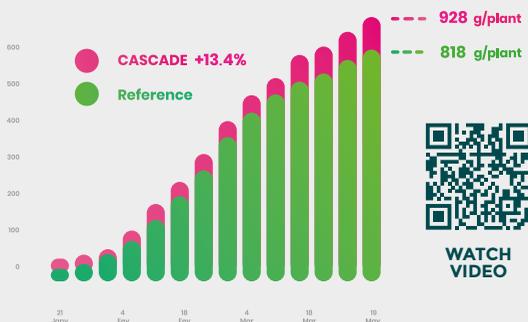


NOV. 2018 - MAY. 2019 Var. Producer

- | Crop yield (g/plant) ..... **+14%**
- | Sugar content ..... **+1° Brix**
- | Shelf Life ..... **+0.7 day**

## RASPBERRY

14 RASPBERRY TRIALS SINCE 2016



WATCH VIDEO

## ADESVA Experimental Farm trials HUELVA

OCT. 2016 - FEB. 2017 Var. 'San Rafael'



- | Early harvest ..... **Yield x3 first 2 weeks**  
 (Trial ended before completion)

NOV. 2018 - MAY. 2019 Var. 'San Rafael'

- | Crop yield (g/plant) ..... **+14 %**

NOV. 2019 - MAY. 2020 Var. 'Adelita'

- | Crop yield (g/plant) ..... **+13%**
- | Sugar content ..... **+0.5° Brix**
- | Disease reduction (Aphids)

## BLUEBERRY

3 BLUEBERRY TRIALS SINCE 2018



## ADESVA Experimental Farm trial HUELVA

NOV. 2018 - MAY. 2019 - 'Ventura'



- | Crop yield (g/plant) ..... **+61 %**  
 (Accentuated yield gain under stressing conditions)
- | Equivalent Fruit Quality

## Huelva Professional Grower trial



NOV. 2019 - MAY. 2020 Var. Producer

- | Crop yield (g/plant) ..... **+12 %**