



# UVBOOSTING

EQUIPMENT FOR VINE PROTECTION  
THROUGH UV STIMULATION





# UV TECHNOLOGY

## OVERALL VINE CARE

**A physical and patented process to stimulate the plant's defenses:** with each UV stimulation, the plant temporarily produces salicylic acid, a chemical messenger.



The plant is trained to react faster and more efficiently to **fungi attacks**, such as downy mildew, powdery mildew, or black rot.



The plant adapts more easily to **unfavorable environmental conditions** (frost, drought, heat wave...) and maintains yield.



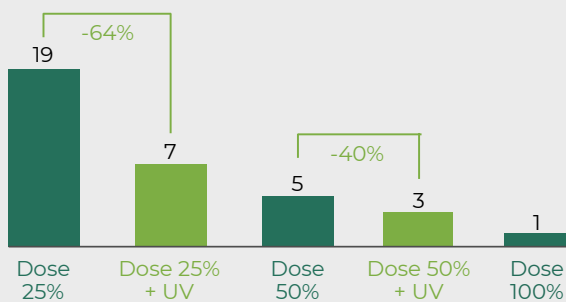
The plant balances its **nutritional intakes** to be healthier and more resistant

## WHY CHOOSE UV BOOSTING?

Some of the many results obtained in our customers' vineyards

### Reduce phytosanitary products

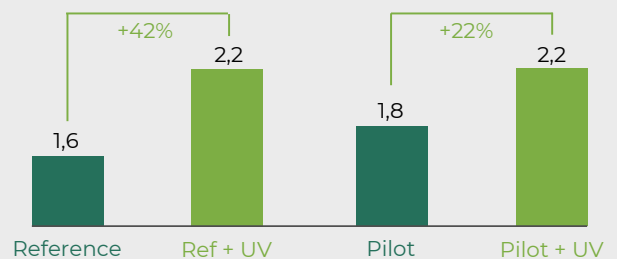
*Powdery mildew intensity on bunches (in %)*



*Tavel, Chardonnay in veraison (conventional), 2019*

### Increase production in stress environment

*Yield (kg/vine)*

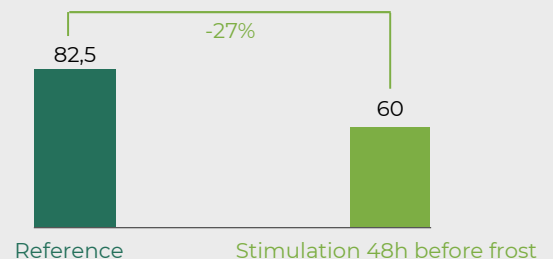


*Bordeaux, Merlot at harvest (organic), 2022  
Water stress*



### Reduce frost damage

*Frozen buds (in %)*



*Champagne, Pinot noir  
Frost on May 3rd 2021 [-1°C ; -3°C]*

Michel Jacob, Champagnes Serge Mathieu

“ UV has been the solution to make my conversion into organic farming a success.

# UV BOOSTING SOLUTION

## BENEFITS OF A PHYSICAL SOLUTION



**No drift:** the effect is precise and does not pollute soil, water or air



**No washout:** the rain has no impact on stimulation quality



**No residue:** absolutely no residue on the vine nor the soil



**No impact on the characteristics of the grapes:** no influence on the wine-making process

Sébastien Segonne, Vineyard Head, Vignobles d'Exea (Languedoc)

“ UV Boosting solution helped us reduce our chemical treatments and CO2 emissions in an eco-viticulture approach ”



## EASY TO USE

- ✓ Quick equipment maintenance
- ✓ Can be combined with other equipments
- ✓ No consumables
- ✓ No need for setting adjustments
- ✓ Can be used in all weathers

## UV STIMULATION ORGANIZATION

Stimulation stages:

From the green tip stage to the closing of the cluster

Frequency: 3 to 7 times a year, depending on vintage

Foliage distance: up to 25 cm

Stimulation speed: 2 to 4 km/h

Support from our experts for a tailor-made stimulation schedule



REWARDS



Winner Négocce'Up 2022



Winner EIMA 2022



Winner Viteff 2021



1st at Agrinove contest

# JOIN THE ADVENTURE



## STRADDLE TRACTOR RANGE

Available for 1 to 4 rows  
Mounted on lift tool holder



## NARROW TRACTOR RANGE

Available for 1 to 2 rows and crawler  
Pulled on 3-point tool carrier

*Complementary technical informations can be sent to request by our commercial team - Custom mounting also possible*

AVAILABLE THROUGHOUT  
EUROPE



FRENCH TECHNOLOGY  
DESIGNED AND MANUFACTURED IN FRANCE

Supported by

[www.uvboosting.com](http://www.uvboosting.com)



bpi**france**



Région  
**Île de France**

Offices and production site: Chemin des quarante arpents 78860 Saint-Nom-la-Bretèche  
[contact@uvboosting.com](mailto:contact@uvboosting.com) | +33 1 84 60 74 50