



# IntraCell®

## Crop osmoprotectant

### Benefits

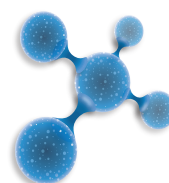
- **Limiting the symptoms caused by thermic and/or hydric stress:**  
yellowing of the foliage and wilting of the berries.
- **Reducing fruit cracking and improving the visual quality of bunches.**

### Mode of action

IntraCell® is a highly soluble wettable powder that supplies your grapes with natural Glycine Betaine. This plant origin molecule regulates cellular osmotic pressure, giving several benefits:

- Increasing the ability of the plant to obtain water from the soil and to retain it.
- Improving the resistance of tissues and maintaining metabolism in cases of hydric stress, salinity or temperature shock.
- Enhancing the mobilisation of nutrients such as calcium and trace elements.

### Characteristics



Glycine Betaine

#### Active substance:

Natural Glycine Betaine crystallized and purified : >96%

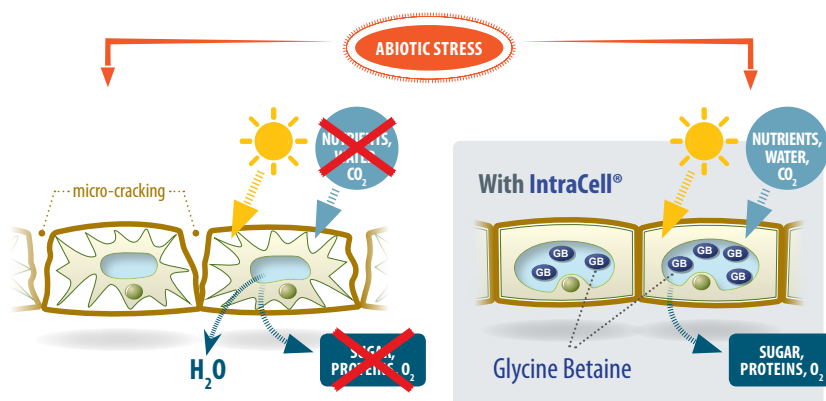
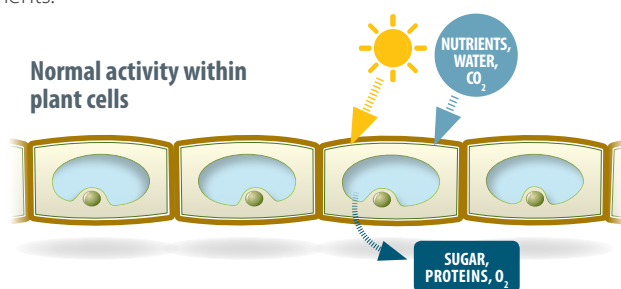
#### Formulation:

Wettable powder

#### Packaging:

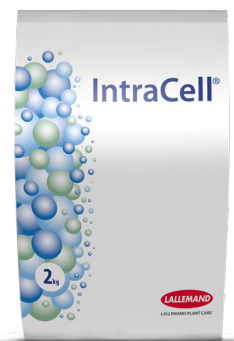
2 kg bag

Usable in organic farming



Cell metabolism stops, microfissures appear and cell contents are lost particularly water

Cell metabolism is maintained and the physical integrity of plant tissue is preserved



### Applications

Targets	Doses	Stages	Method of application
Limiting the yellowing of foliage and berry wilting in cases of thermic and/or hydric stress	2 kg/ha	From early flowering	Foliar spray
	2 kg/ha	Every 3-4 weeks in case of stress	
Reducing fruit cracking and improving the visual quality of the grapes	2 kg/ha	At bunch closure	
	2 kg/ha	Early to mid ripening	

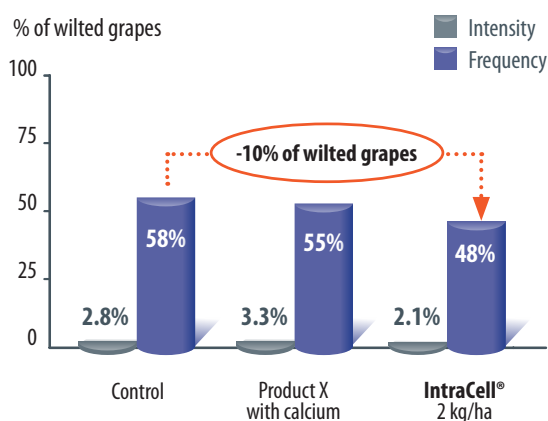
**Note:**

- preferably apply under good humidity conditions (>70%) and without rain falling at or soon after application.
- possible to mix with fungicide, insecticide and foliar nutrient applications (ask your distributor in order to check compatibilities).
- do not mix with herbicides.

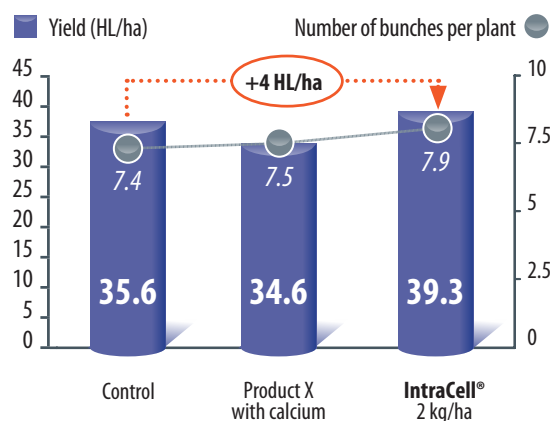
### Results

**Trial on water efficiency.** AGRO XP, France, 2012

#### Wilting of the grapes.

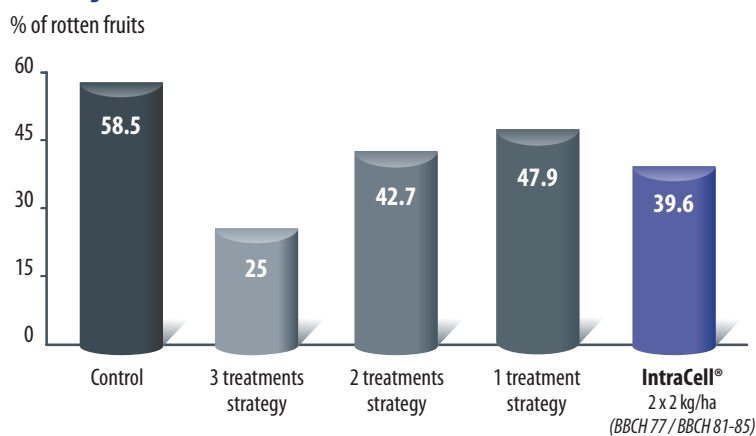


#### Yield at harvest.



**Trial on limiting the microfissuring of berries.** FDCETA (17), France, 2011

#### Recording on 13/09/2011



### LALLEMAND PLANT CARE

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