

BETACROP PLUS

Osmoprotectant for hot & dry conditions



- Increases the natural osmotic regulation
- Improves resistance to high temperatures & salinity stress
- Increases cell membrane plasticity and resistance

CHARACTERISTICS

BETACROP PLUS is an exclusive formulation based on osmolytes, 100% derived from vegetal extracts and amino acids of vegetal origin. **BETACROP PLUS** helps the plants to self-regulate the metabolism during abiotic stress conditions and to keep the main physiological functions active.

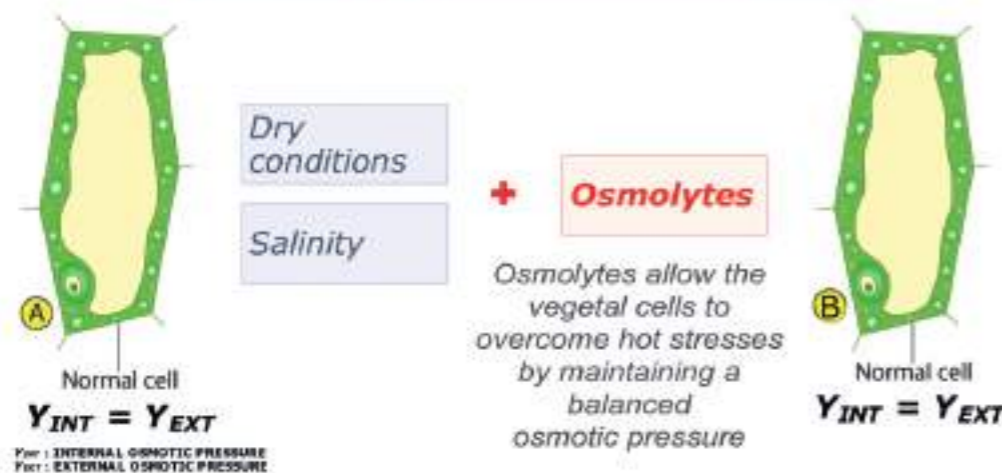
RESULTS

BETACROP PLUS improves crop performance, photosynthesis and yields even under conditions of abiotic stress (heat, drought, salinity).

BETACROP PLUS rapidly increases the osmolytes content in the cytoplasm which regulates cells osmotic pressure, structure and plasticity. Therefore, **BETACROP PLUS** shows positive effects for preventing fruit cracking in most fruit trees (especially cherry, apricot, peach) and horticultural crops in the presence of long-lasting rainfalls and during fruit size increase/ripening.

The role of osmolytes

Regulation of osmotic balance



BETACROP PLUS

Osmoprotectant for hot & dry conditions



APPLICATION RATE

Crop	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
cereals and industrial crops	4 - 6		1 - 2	in combination with Plant Protection Products
fruit trees, grape, olive trees	4 - 6	6 - 12	2 - 4	interval of 7 - 15 days
vegetables and ornamental crops	4 - 6	6 - 12	2 - 4	starting with transplanting every 15 days
greenhouse crops	4 - 6	6 - 12	2 - 4	starting with transplanting every 15 days

COMPOSITION

	% w/w	% w/v
Total nitrogen (N)	5,0	5,9
- Organic nitrogen (N-CO)	5,0	5,9
Organic carbon (C)	14,0	16,4
Glycine betaine	32,4	37,9
Seaweeds extract	2,0	2,3

APPEARANCE	Liquid
COLOUR	Brown
pH	6,0÷8,0 at 20 °C
DENSITY	1160÷1180 g/L at 20 °C
PACKAGING	1L (1Lx16); 6L (6Lx2); 20L

