



PLANT BIOSTIMULANTS



Be a part of Valagro's digital Community.
Explore the brand-new app e-Hub.
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Win the Global challenge together.

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MEGAFOL

Protects from hardest blow

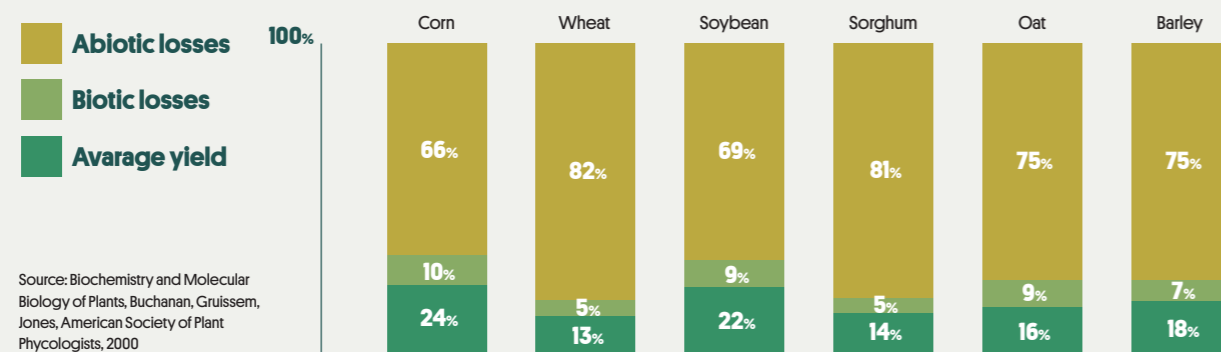


Abiotic stresses represent a major limitation to agricultural production.

Abiotic stresses, such as drought, and high or low temperature significantly reduce plant performance and development by decreasing productivity.

Yield impact from abiotic losses for major crops

Plant environmental (abiotic) stresses constitute a major limitation to agricultural production.



Source: Biochemistry and Molecular Biology of Plants, Buchanan, Grussem, Jones, American Society of Plant Phycologists, 2000

The abiotic stress cause about 70% of the yield reduction.

Many crops don't reach to 20% of the potential production.

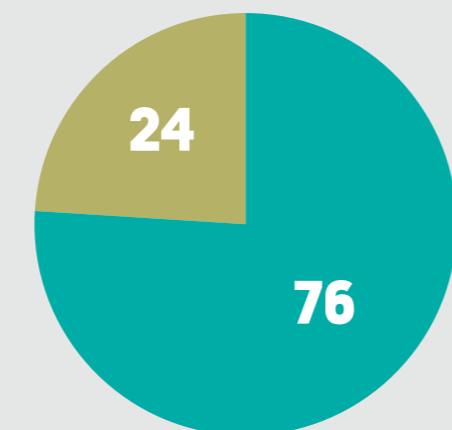
Megafofol: one of the most selling anti-stress biostimulant in the world, based on selected vegetal extracts.

Proven physiological activities thanks to transcriptomic analysis.



Transcriptomic analysis after Megafofol application on *A. thaliana*, showed a strong activation of specific genes (GO-Groups) connected with plant response to abiotic stress.

% OF UP-REGULATED GENES (GENE ONTOLOGY-GROUPS)



■ ABIOTIC STRESS RESPONSE ■ OTHERS

Choose MEGAFOL for

Results on fresh tomato under drought stress:

Crop	N. Trials	Dose rate	Average n. of app.	Timing
Tomato	45	3 L/ha	5	BBCH 60

75% of trials with positive results.

AVERAGE YIELD INCREASE: 10% vs UTC
AVERAGE ROI*: 15,7 :1

*based on EUL price (Italy) and fresh tomato average 2016-2018 price ISMEA (Italy)

Benefits:

- Based on selected vegetal extracts
- Fast effect in overcoming stress situation
- Preserves the quality and quantity of the yields
- Good miscibility and carrier with other products



GEAPOW is the exclusive technology platform developed by Valagro in order to turn potential active ingredients into high quality nutrient solutions.

Directions for use

APPLICATION METHOD	CROP	PERIOD OF APPLICATION	DOSE (L/ha)
Foliar	Fruit crops (grape, apple, pear, citrus, olives, strawberry)	Before flowering, post setting, fruit development; before or soon after an environmental stress	2 - 3 L / ha
	Vegetables (tomato, pepper, eggplant, courgette, cucumber, salads)	In open field or in greenhouse every 10-15 days	2 - 3 L / ha 150 - 250 ml / hl
	Extensive crops (tobacco, sugarbeet, cotton, processing tomato)	1-2 applications during the crop cycle	2.5 - 3 L / ha
	Row crops (wheat, maize, oil seed rape, sunflower, soybean, rice, sorghum)	1-2 applications during growth cycle	1 - 3 L / ha