



Vital Power

CONCENTRATE OF AMINO ACIDS ENRICHED WITH BORON AND PHOSPHORUS

Benefits of use

VITAL POWER® is an organic fertiliser composed of free amino acids derived from an enzymatic hydrolysis of vegetable proteins, providing it with high levels of (biologically active) free L- α amino acids, together with phosphorus and boron.

VITAL POWER®'s formulation is exclusively based on vegetable protein extracts. Vegetable proteins contain all the essential amino acids for plant growth because they contain the correct amino acid ratios that ensure their optimal assimilation and uptake by the crop.

VITAL POWER® contains phosphorus and boron to meet the crop's nutritional needs. Phosphorus is crucial for the synthesis of various enzymes, phosphoproteins and phospholipids. It is also important for all plant energy transfer processes, including photosynthesis, and forms part of energy-rich phosphated compounds such as adenosine diphosphate (ADP) and adenosine triphosphate (ATP).

The boron content in **VITAL POWER®'s** improves the flowering process in crops, which is essential for the proper development and viability of pollen to guarantee maximum sowing and thus an improved yield.



Composition

	(%w/w)
Free L-amino acids ¹	12,0
Total nitrogen	6,0
Phosphorus (P ₂ O ₅)	0,6
Water-soluble boron (B)	0,6

¹Amino acids obtained by enzymatic hydrolysis of soya protein and bacterial fermentation with *Brevibacterium sp.*

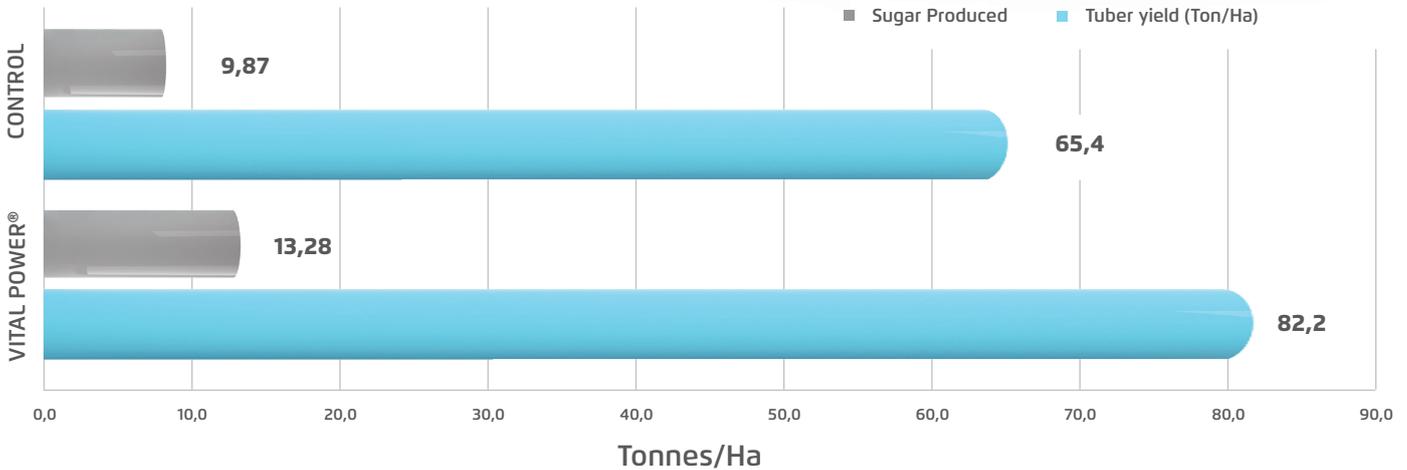




Efficacy trials

In Beetroot, Var. Scarlett
Italy, Santa florenzia, 2017

2 x applications (1.5 L/Ha)



System and time of application

VITAL POWER® can be applied by foliar spray or through fertigation, during periods where an increased metabolism is needed to increase development processes such as flowering, souring and fruit development. Application is recommended at the start of vegetative growth to regain vigour, as well as in conditions of abiotic stress for crop recovery.

Stability and storage

VITAL POWER® is stable for three years from the date of manufacture.

Store in a cool and ventilated place.

Do not store for prolonged periods under direct sunlight.

Keep out of the reach of children.

Keep away from food, drink and animal feed.

Dosage

APPLICATIONS		APPLICATION TIMING
FOLIAR	200-300 ml/hl	During vegetative growth to increase vigour. During pre-flowering and flowering to increase pollen and souring quality and reduce flower loss. Repeat every 20 days.
FERTIGATION	3-4 L/Ha per application	During sprouting to increase the growth of new shoots. During vegetative growth and pre-flowering to increase pollen quality and crop yield.

Compatibility

For mixing with any other product, conduct a test in a small volume to assess compatibility.

For further information, technical advice or any other enquiries, please contact your local distributor.