



Vitalem Forte®

AMINO ACIDS FROM TOTAL ENZYMATIC HYDROLYSIS

Benefits of use

VITALEM FORTE® formulation contains a high concentration of L-free amino acids obtained by a controlled process of enzymatic hydrolysis. This process maintains the chemical properties and the biological activity of the amino acids.

VITALEM FORTE® produces an immediate effect on developing crops helping them with organ development (roots, flowers, and fruits), maximising protein biosynthesis and saving energy to the crop. Vitalem Forte helps plants to achieve a proper hydric balance, especially during harsh environmental conditions.

VITALEM FORTE® is obtained from 100% vegetal sources, and provides the correct proportions of amino acids to achieve an optimal hormonal balance in every important developmental stage of the crop (root system, vegetative growth, flowering, pollen development, fruit setting and fruit growth).

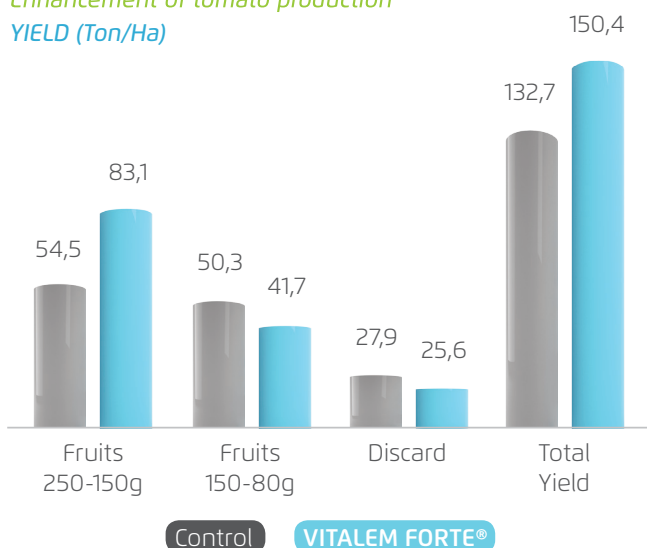
In fertigation **VITALEM FORTE®** activates the soil flora (bacteria) responsible of the mobilisation of nutritive elements, thus increasing their availability to the crop.

VITALEM FORTE® is a powerful tool to reactivate vegetative growth after environmental and /or biotic stress.

Efficacy trials

Enhancement of tomato production

YIELD (Ton/Ha)



Composition

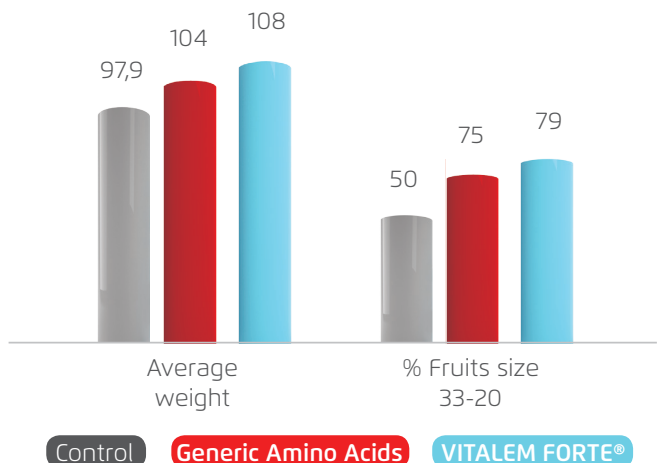
(%w/w)

L-free amino acids ¹	12,00
Total nitrogen	2,00

Amino acids obtained by enzymatic hydrolysis of vegetal proteins.

Standard aminogram: Aspartic acid, Glutamic acid, Serine, Histidine, Glycine, Threonine, Arginine, Alanine, Tyrosine, Valine, Methionine, Phenylalanine, Isoleucine, Leucine, Lysine, Hydroxyproline, Proline

Effect on weight and size, Kiwi (Chile)





System and time of application

VITALEM FORTE[®] can be applied at any moment during the crop cycle. It is especially recommended after stress (drought, plagues, pathogens or applications of plant protection products). It can be applied by foliar spraying, and also by drench or fertigation. Apply every 10-15 days with enough water volume to cover the whole foliar area.

Stability and storage

VITALEM FORTE[®] is stable during at least 3 years from the manufacture date.

Keep in a fresh and ventilated place with temperatures below 50°C.

Do not store for prolonged periods under direct sunlight.

Keep away from children.

Do not eat, drink or smoke while handling this product.

Dosage

CROP	DOSAGE		OBSERVATIONS
	L/Ha	cc/100L	
Vegetables	2 - 3	200 - 300	During the whole crop cycle.
Fruit trees	2 - 3	200 - 300	Pre-flowering, flowering and fruit setting.
Citrus	2 - 3	200 - 300	Pre-flowering, flowering and fruit setting.
Table grape	-	100 - 200	Beginning of vegetative activity, pre-flowering, flowering and fruit setting.
Olive trees	3 - 5	300 - 500	Pre-flowering, flowering and fruit setting.
Banana	3 - 5	-	During the whole crop cycle.
Strawberry, berries	3 - 5	300 - 500	During the whole crop cycle.
Cereals	-	200	Together with plant protection products.
Alfalfa	-	300	After each cut.
Cotton	-	200 - 300	Beginning of vegetative activity and pre-flowering.
Ornamentals	1 - 2	100 - 200	3-4 treatments after transplant.
Beets, potato	2 - 3	200 - 300	3-4 treatments during the whole crop cycle.
Rice	2 - 3	200	Post-herbicide applications for recovering.

Compatibility

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

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