



PROVEN PERFORMANCE OF MAXITEM IN TOMATO GROWN IN GREENHOUSE

AMINO ACIDS TO ENHANCE FRUIT SIZE, COLOUR AND SHINE



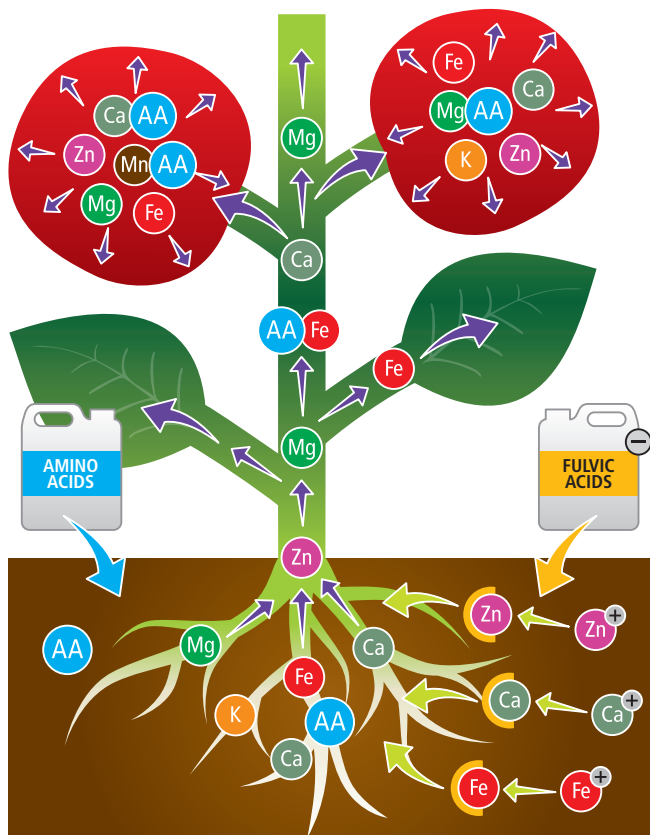
MAXITEM is rich in both fulvic acids and amino acids.

The synergy created between these two elements promotes root development, enhances the absorption of nutritional elements thanks to its action as complexing agents and favors the translocation of these nutrients through the plant.

MAXITEM provides the optimal dose of amino acids to allow these and other nutrients to directly reach the fruits, encouraging their development and improving its size, color and sheen.

DECLARED CONTENTS

| | | | |
|------------------|---------|-------------------------|----------|
| Free amino acids | 6% w/w | Total nitrogen (N) | 2.7% w/w |
| Fulvic acids | 22% w/w | Organic nitrogen (N) | 1.8% w/w |
| | | Ammoniacal nitrogen (N) | 0.9% w/w |



- Neutral complexes that do not react with the cuticle and can be absorbed easily
- Amino acids
- Easy translocation of nutrients

BIOSTIMULATING ACTION

FULVIC ACIDS

Fulvic acids are organic molecules that are formed by the decomposition of organic matter and which have a direct impact on soil fertility.

The acid groups of these molecules dissociate generating negative charges, which have a great metal-retention capacity and are capable of forming chelates with other nutrients, thus facilitating their availability to the plant.

Because of their low molecular weight, they are readily transported through the plant.

AMINO ACIDS

The supply of amino acids improves the absorption of nutrients and enhances the movement of sap through the plant, favoring the arrival of nutrients directly to the fruits, organs most demanding during fattening.

Furthermore, supplying synthesized amino acids provides significant energy savings, and this energy saved can be reserved for other physiological processes such as fruit fattening.

PROVEN EFFICACY

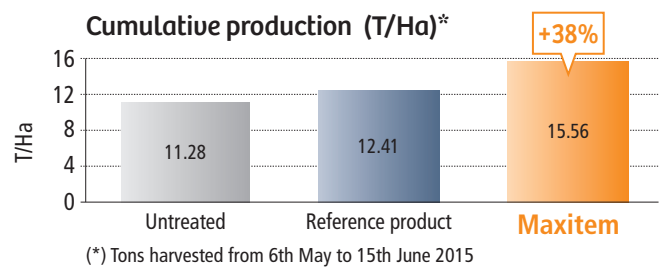
The following results have been obtained from trials hired to an **accredited external company** (EOR No. 82/13) performed in greenhouses of Cañada de Gallego, in the region of Murcia (Spain) in **commercial tomato variety Tanguero**. We compared results obtained in 3 different types of treatments: control, MAXITEM and a popular reference product with the same use as MAXITEM. Three weekly applications were performed during the beginning of fruiting.

| | 1ST APPLICATION · 14TH APRIL 2015 | 2ND APPLICATION · 21ST APRIL 2015 | 3RD APPLICATION · 28TH APRIL 2015 |
|-------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Control | --- | --- | --- |
| MAXITEM | 5L/Ha by fertigation | 5L/Ha by fertigation | 5L/Ha by fertigation |
| Reference product | 10 Kg/Ha by fertigation | 10 Kg/Ha by fertigation | 10 Kg/Ha by fertigation |

The results obtained and shown below were obtained from 11 evaluations, starting at the first harvests, conducted from 6th May to 15th June 2015. Fruits were harvested 1-2 times per week.

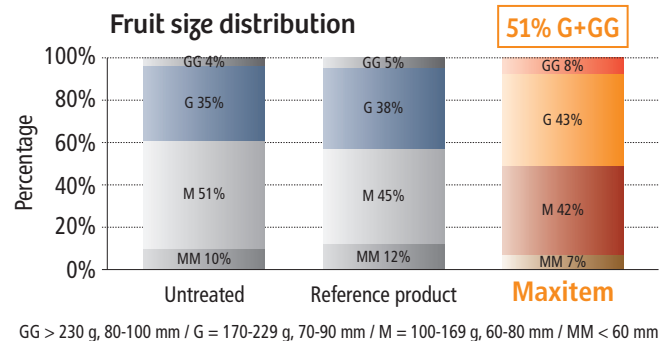
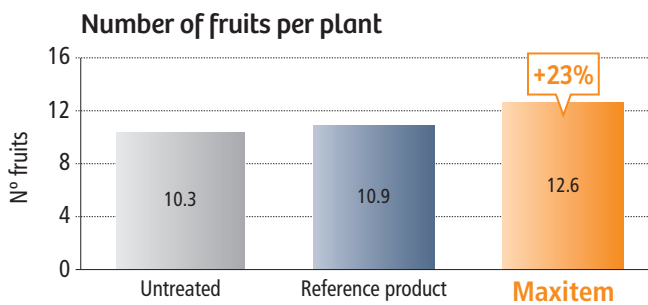
✓ Production increased 38%

MAXITEM increases production by 38%, 28% more than the reference product.



✓ More and larger fruits

MAXITEM increases by 23% the number of fruits per plant while the reference product only 6%. The application of MAXITEM not only increases the number of fruits but also its size, **being 51% of the fruits obtained size G and GG**, 12% more than fruits harvested in untreated plots and 8% more than those of plots treated with the reference product. These are the sizes that reach a higher market value.



FIRST HARVESTED FRUITS (6TH MAY 2015)



CONTROL

REFERENCE PRODUCT

MAXITEM

FRUITS ON 28TH MAY 2015



CONTROL

REFERENCE PRODUCT

MAXITEM

You can request more detailed information about this product and its results through the contact form on our web www.quimicasmeristem.com