

AGROSTEMIN[®]



Dr. Danilo Gajić



EFFECTS OF AGROSTEMIN® APPLICATION ON TOMATO
(*Solanum lycopersicum* – "Cherry")
– Cerro azul – Paraná 2012 –



Demonstration experiment was conducted in municipality Cerro Azul of Federal State Parana – Brazil in the course of 2012.

EXPERIMENTAL METHOD

On February 09, 2012, a part of experimental plot was treated with **AGROSTEMIN**[®] "green" (300 g/ha), foliary, by continuous spraying along the row with 17 g of product diluted in 6 liters of water, i.e. the dosage appropriate for treatment of 576 m².

The plants were treated 15 days after transplanting.

"**T₀₀**" – **Treated**: six rows of seedlings, total surface area of 576 m², were treated with **AGROSTEMIN**[®]– "green" formula (300 g/ha);

"**C₀₀**" – **Control**: six rows, total surface area of 576 m², set as control;

There were nine harvests totally the results of which were monitored, the first one was carried out on **April 07, 2012**, and the ninth on **May 24, 2012**. After processing and analysis of the collected data, it is observed that zone **T₀₀**, treated with **AGROSTEMIN**[®]– "green" formula , was **35.69% more** superior than the area it was compared with – "**Control**", in respect of the mass of collected ripe fruit, as is shown further on.

Cherry tomato – View of plantation



Cherry tomato

Two rows on the left were treated with **AGROSTEMIN**[®] and control plot was processed in a standard manner, on the right.



Cherry tomato just before harvesting started



MEASUREMENT RESULTS

(reduced to 1 ha of surface area)

No	Date of picking	T ₀₀ * (crate*)	C ₀₀ ** (crate*)
1.	07 / 04 / 2012	63	51
2.	14 / 04 / 2012	110	97
3.	21 / 04 / 2012	271	240
4.	26 / 04 / 2012	190	173
5.	02 / 05 / 2012	305	220
6.	07 / 05 / 2012	0	0
7.	08 / 05 / 2012	0	0
8.	14 / 05 / 2012	280	130
9.	24 / 05 / 2012	180	120
Total		1,399	1,031

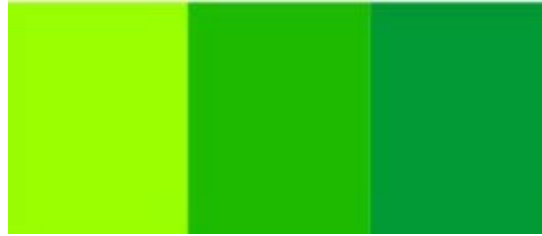
AGROSTEMIN®
More is obtained
35.69 %

* 1 crate = 20 kg;

* "T₀₀" – **Treated**: foliar application of **AGROSTEMIN®** – "green" formula (300 g/ha), once, water solution of 17 g of **AGROSTEMIN®** in 6 l of water on 576 m²;

** "C₀₀" – **Control**: untreated – **AGROSTEMIN®** was not applied;

Note: both experimental areas are identical and consist of three rows of seedlings respectively.



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