

AGROSTEMIN[®]



Dr. Danilo Gajić



**THE EFFECT OF FOLIAR APPLICATION OF AGROSTEMIN®
ON EGG PLANT**
(Solanum melongena)
– production experiment –



The experiment was conducted in the town of Guaraciaba do Norte – CE Brazil.

BLANC variety produced by Sakama was used.

AGROSTEMIN[®] was applied foliar as water solution 5 days after transplanting, spraying both the plants and the bed.

The dosage applied was 30g of **AGROSTEMIN**[®] per hectare.

PHENOLOGICAL OBSERVATIONS

CONTROL

TREATED*



* **AGROSTEMIN**[®] was applied foliar 5 days after transplanting

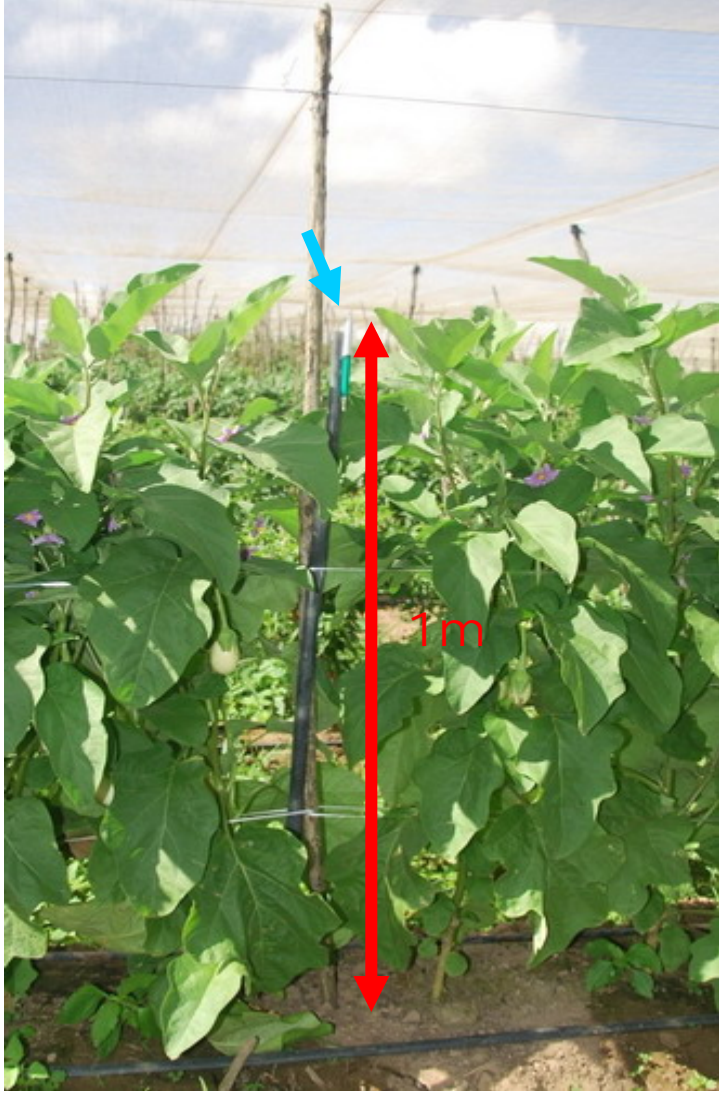
CONTROL

TREATED*



* **AGROSTEMIN**® was applied foliar 5 days after transplanting

PLANTS HEIGHT



UNTREATED



TREATED*

COMPARATIV HEIGHT OF HOTBED



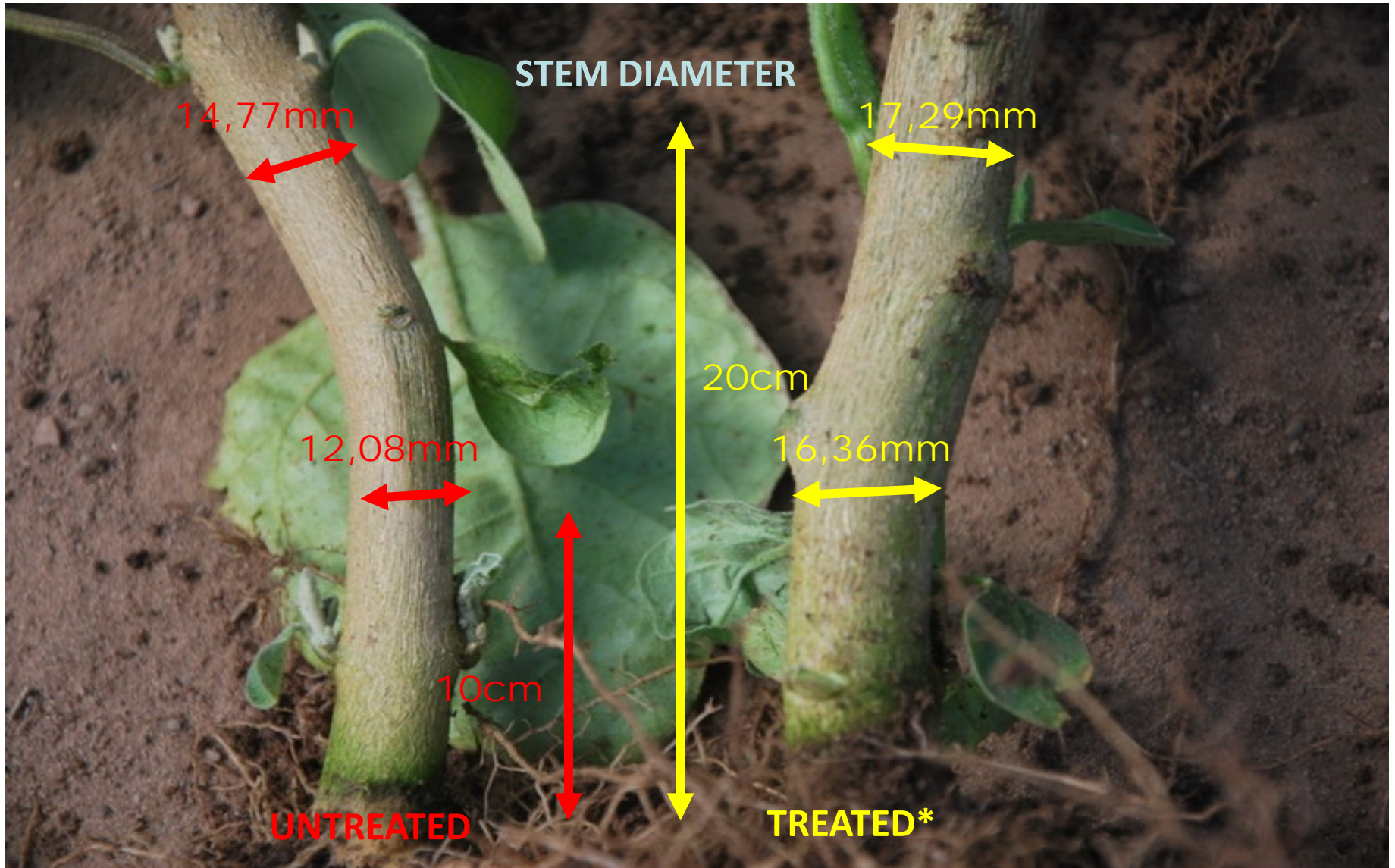
* **AGROSTEMIN**[®] was applied foliar 5 days after transplanting



UNTREATED

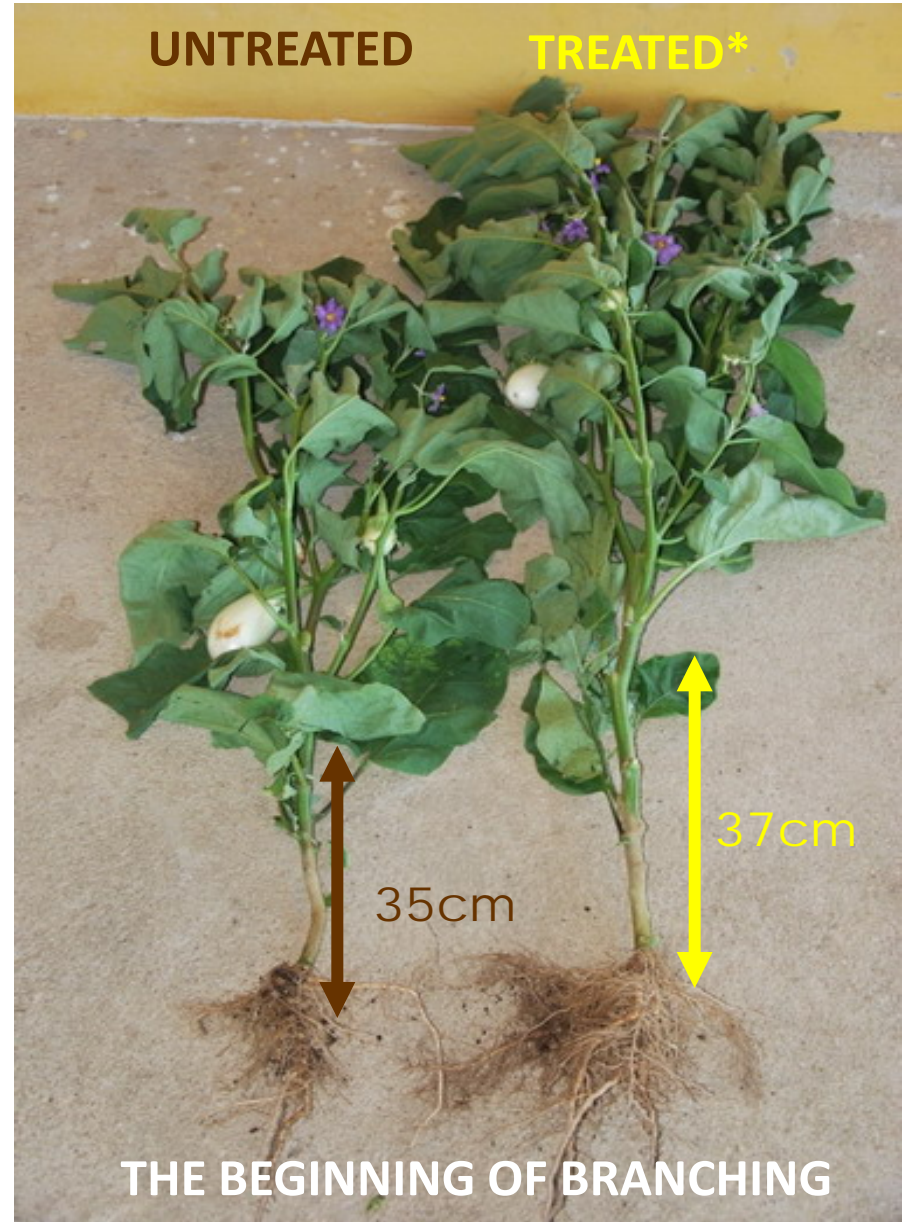
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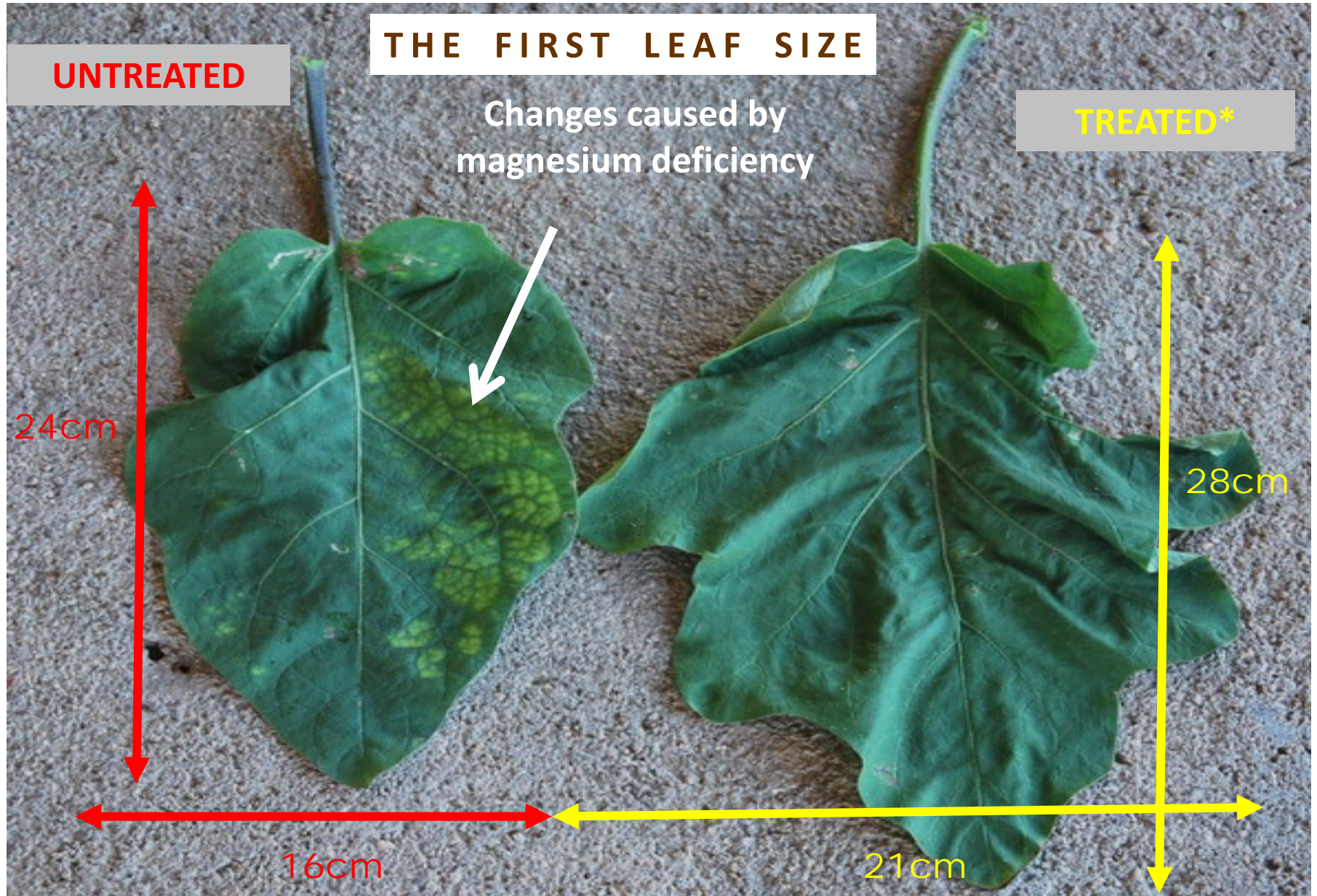


R O O T S I S T E M

UNTREATED

TREATED*

* **AGROSTEMIN**[®] was applied foliar 5 days after transplanting



THE DATA ON QUALITY OF FRUIT

The percentage of deformed fruit

Treated*	0 %
Control	15 %

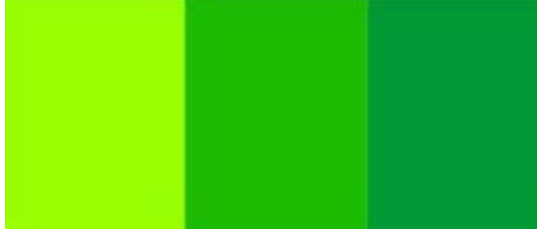
The average fruit mass

Treated*	575,8 g / fruit
Control	473,7 g / fruit
Difference	102,1 g / fruit
Increase	21,5 %

* **AGROSTEMIN**[®] was applied foliar 5 days after transplanting

From the images and tables enclosed herewith it turns out that **AGROSTEMIN**[®] influences significantly the productivity since it has been increased by 38% when compared with the plants treated with conventional agents.

It is important to point out that the plants treated only with conventional agents, without the application of **AGROSTEMIN**[®], had marks on their leaves suggesting the lack of magnesium and the great quantity (15%) of deformed fruit suggested the lack of boron. The plants treated with **AGROSTEMIN**[®] did not have these defects and their fruit was not irregularly shaped.



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