

AGROSTEMIN[®]



Dr. Danilo Gajić



**THE EFFECT OF FOLIAR APPLICATION of AGROSTEMIN®
on PAPRIKA**
(Capsicum annuum)



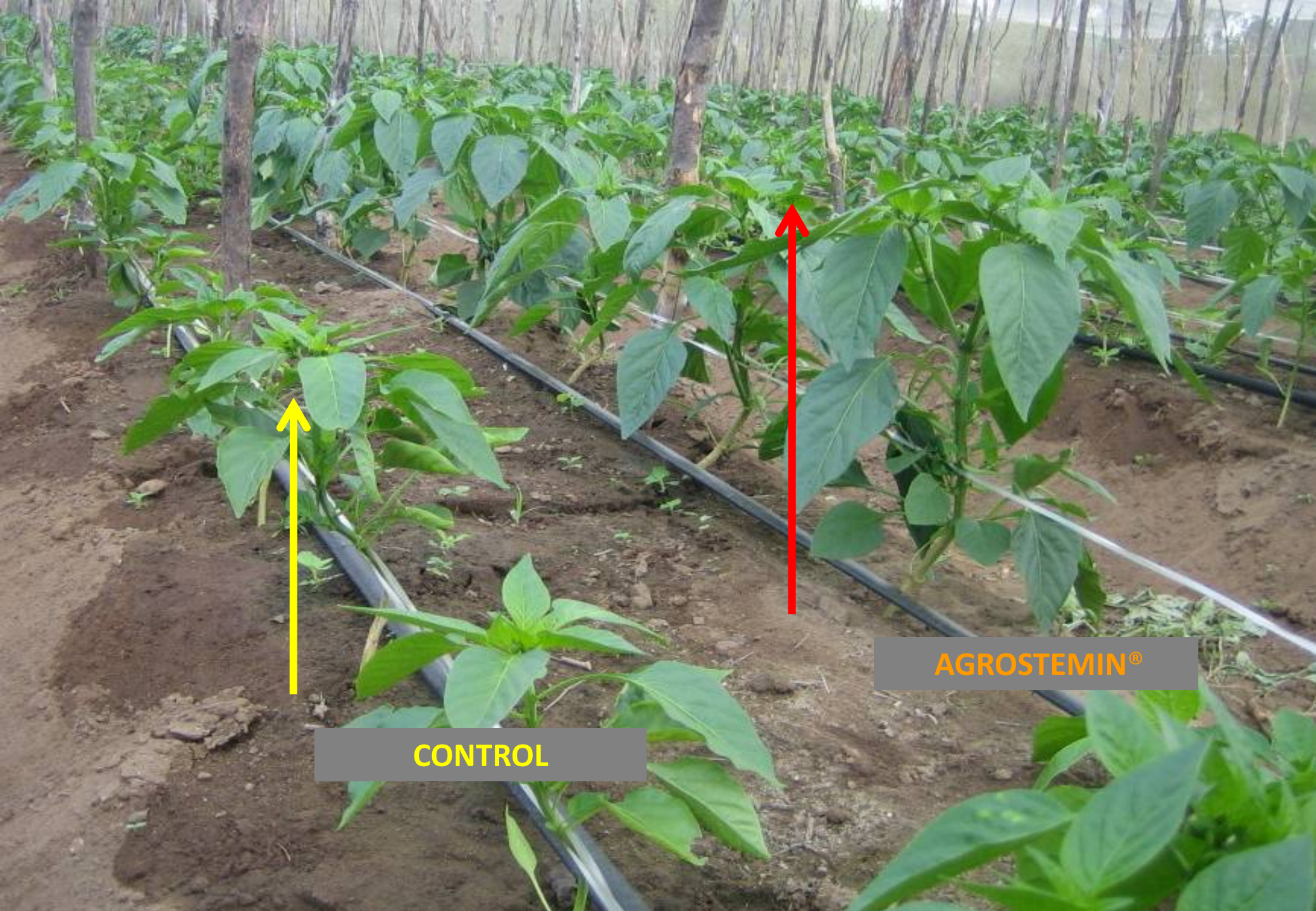
The experiment was conducted in the town Guaraciaba do Norte – CE Brazil.

DARA R variety produced by Sakama was used.

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

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

First sampling was done on the 22nd from the application of **AGROSTEMIN**[®].



CONTROL

AGROSTEMIN®



Flowering and
fruiting



without Agrostemin



with Agrostemin



AGROSTEMIN



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CONTROL

TREATED



CONTROL

TREATED



PICKING

without AGROSTEMIN

with AGROSTEMIN®



75 DAYS AFTER TRANSPLANTING



83 DAYS AFTER TRANSPLANTING



CONTROL



TREATED

COMPARISON HEIGHT OF LEINS



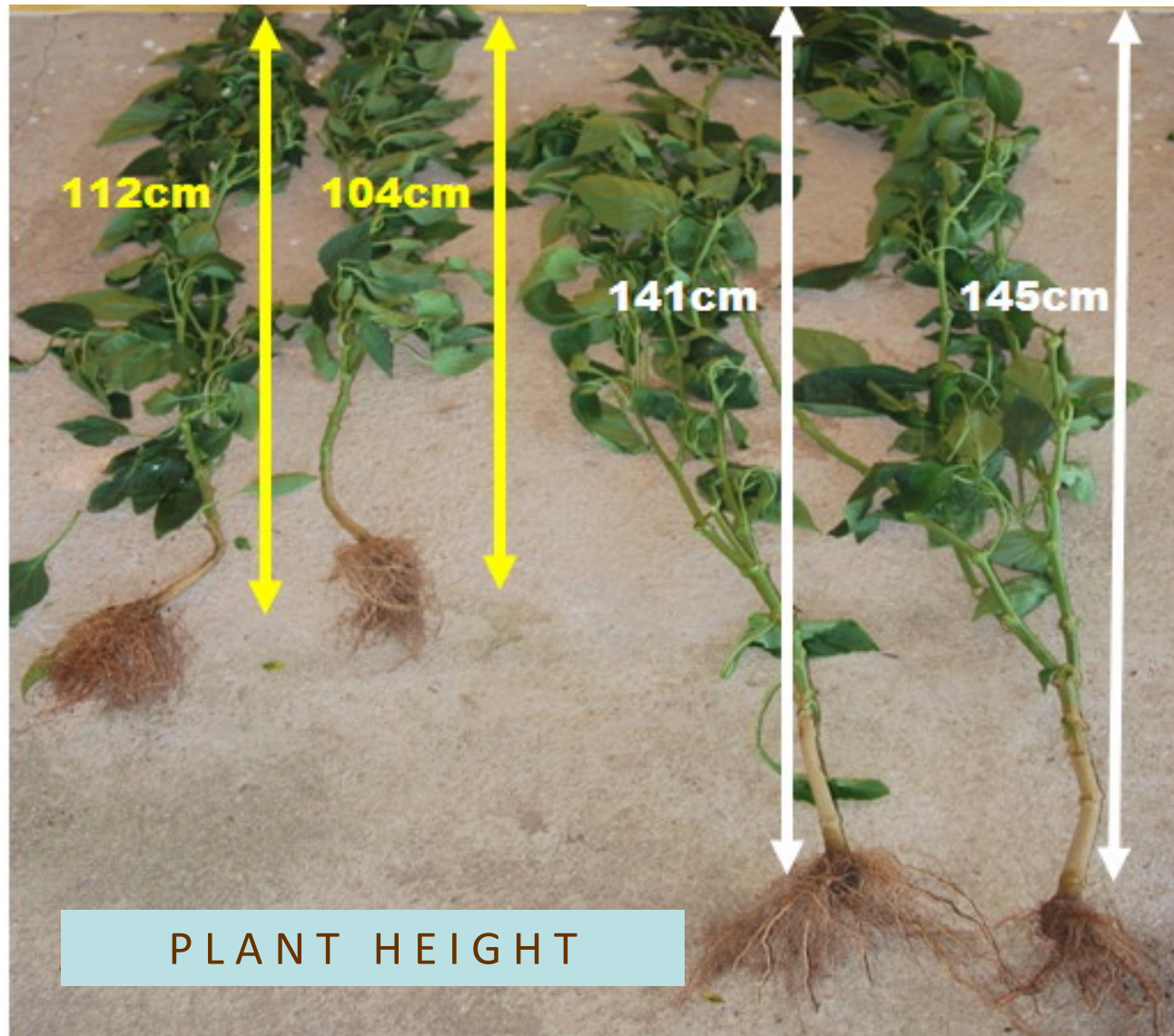
CONTROL

TREATED



without AGROSTEMIN

with AGROSTEMIN®



HEIGHT OF THE FIRST BIFURCATION



ROOT SYSTEM of:

- control plants (untreated)

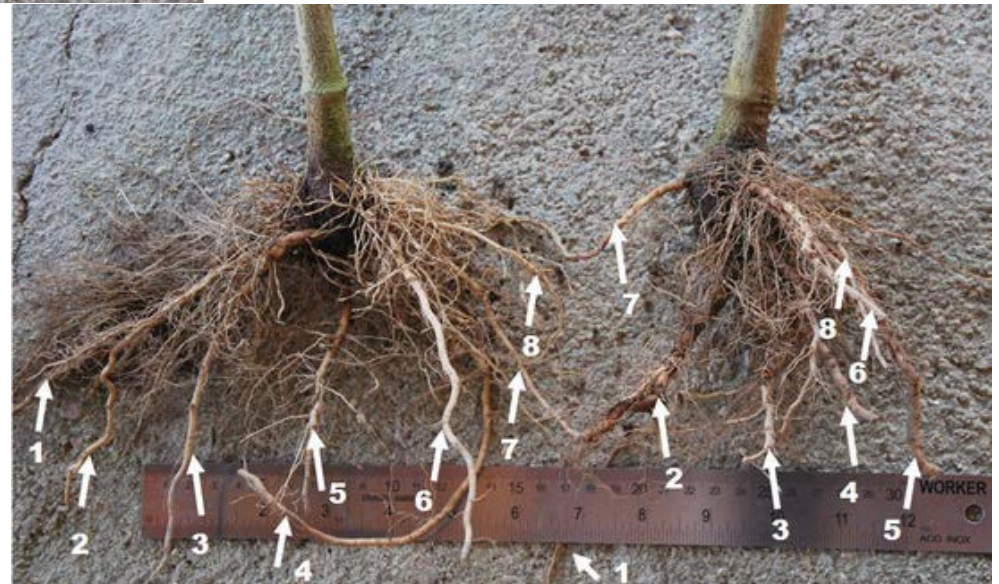
- plants treated with AGROSTEMIN[®]

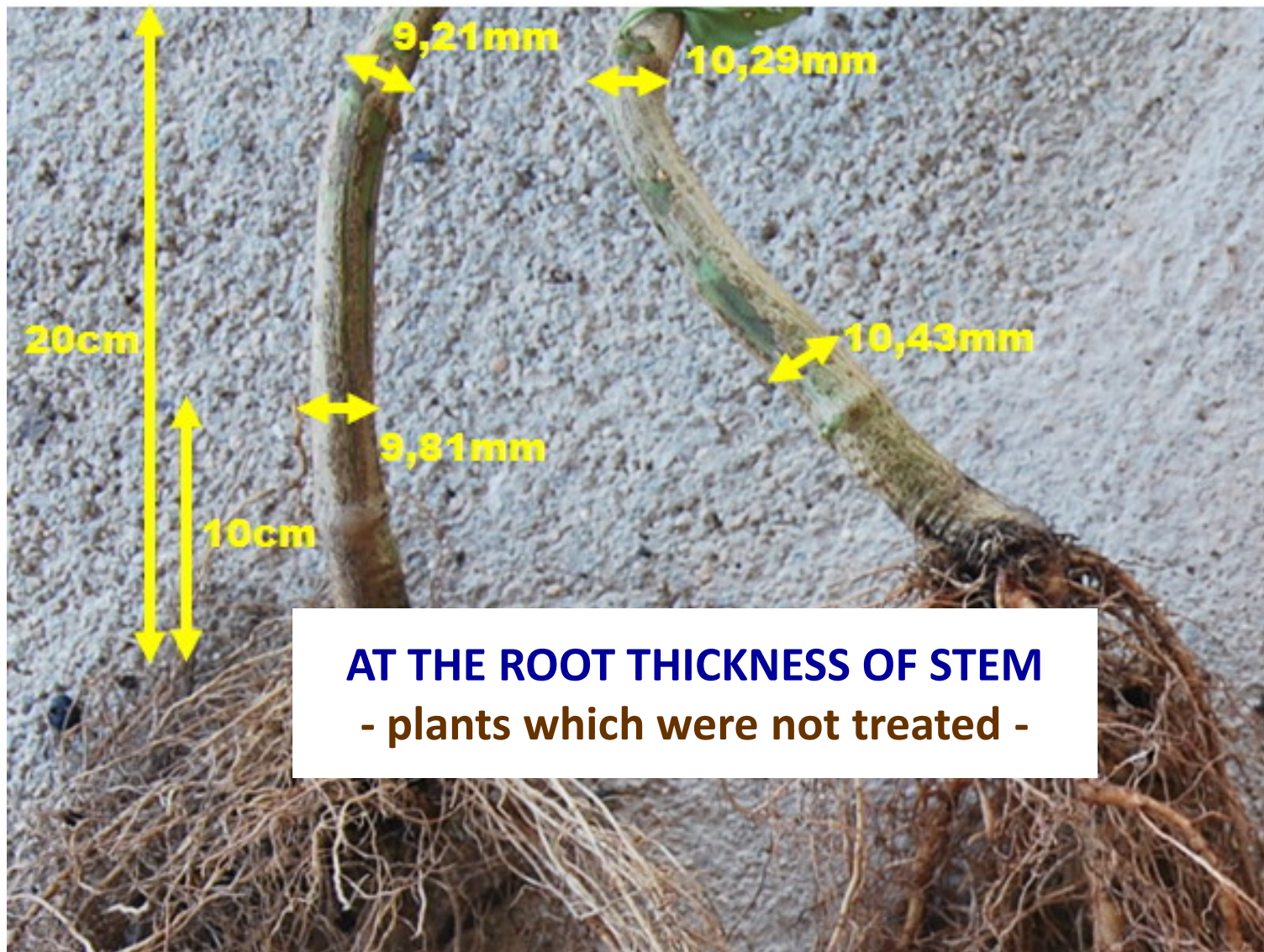


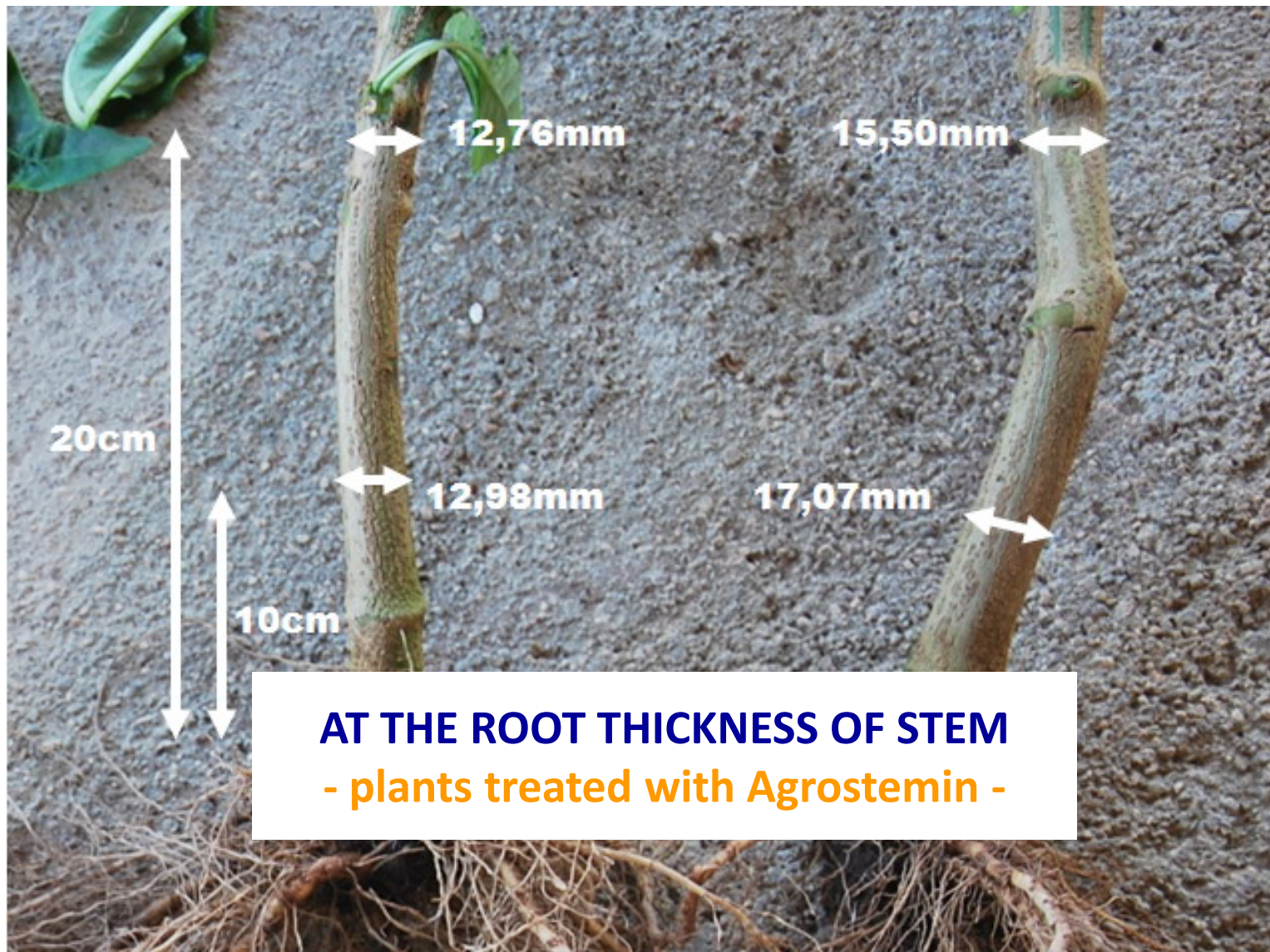
The structure of the root system in plants untreated with Agrostemin



The structure of the root system in plants treated with **AGROSTEMIN®**







AT THE ROOT THICKNESS OF STEM
- plants treated with Agrostemin -

FINAL RESULTS

Sampling	Picking	Agrostemin		Increase
		treated	untreated	
sample 01	first picking	9 crates	6 crates	50%
sample 02	83 days after transplanting	67 crates	48 crates	40%
sample 03	90 days after transplanting	47 crates	34 crates	38%
TOTAL		123 crates	88 crates	40%

Medium gain 40%

DATA ON FRUIT QUALITY (final structure of the yield)

Classification	Agrostemin	
	treated	untreated
first class fruits	88,5 %	76,2 %
second class fruits	11,5 %	23,8 %

16% more of first class fruit
50% more of second class fruit
40% increased total yield

CONCLUSION

From the images and tables enclosed herewith it turns out that **AGROSTEMIN®** influences significantly the productivity since it has been increased by 40% when compared with the plants only treated with conventional agents.

It is important to point out that the plants treated with conventional means only (without adding **AGROSTEMIN®**) were paler, with less foliage mass and smaller. Root system was much more developed on the plants where **AGROSTEMIN®** was applied than on control ones.



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www.agrostemin.com