



Screenhouse Trials Updates - Seaweed Extracts -

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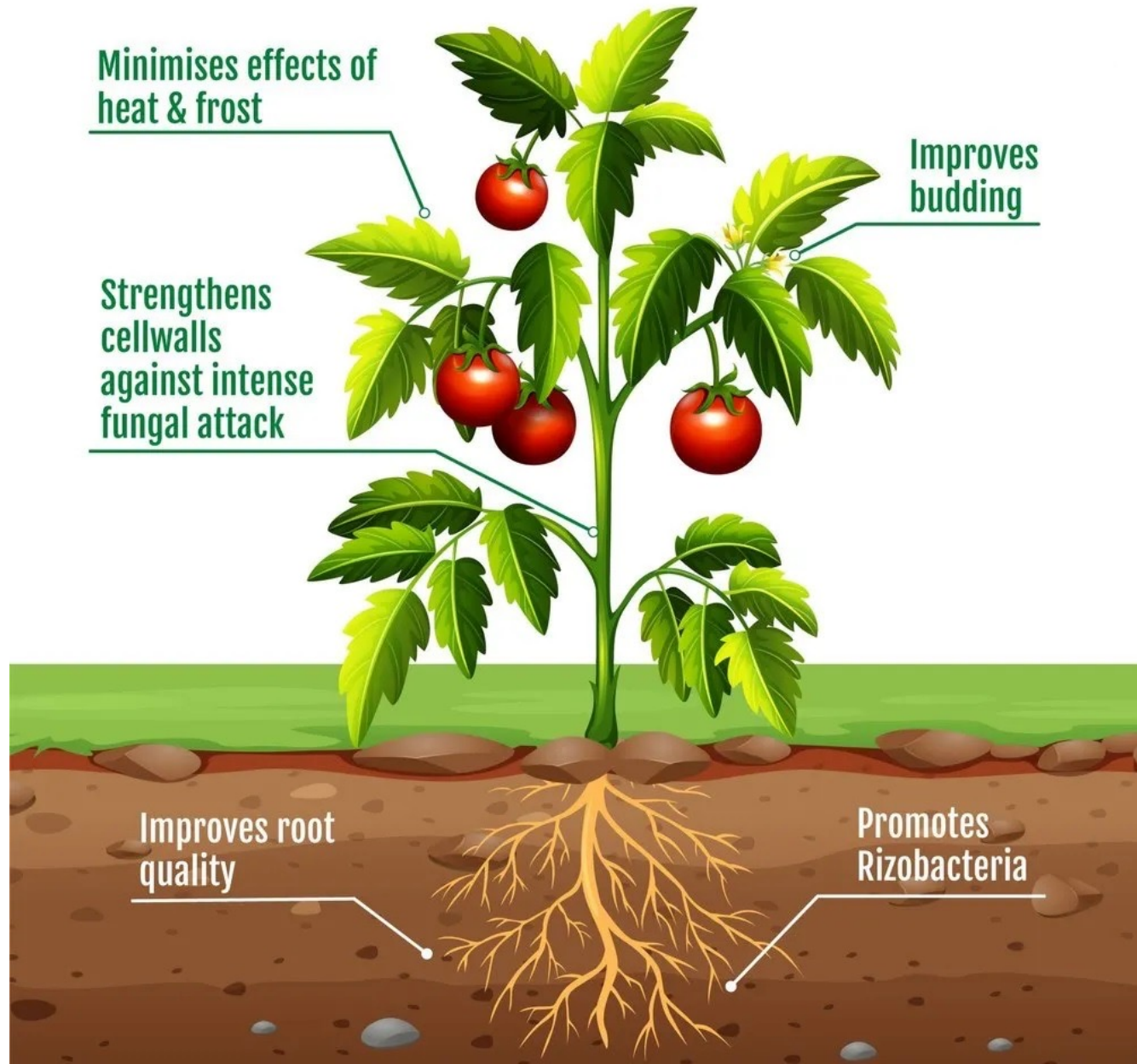


COOPERATIVE EXTENSION

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COLLEGE OF TROPICAL AGRICULTURE AND HUMAN RESOURCES



Benefits of Seaweed Extracts:





Seaweed Extracts and Crop Roots:



The uptake of more nutrient could lead to higher yield and less nutrient losses.

Healthier and larger roots can lead to higher nutrient uptake.





Field and Screenhouse trials:



Three different seaweed extracts were used in the trials + control treatment (water).



Application procedure:

The seaweed extracts were applied 5 times.

1st application at the seedlings stage.

2nd application after transplanting the seedlings.

3rd application was 2 weeks after transplanting.

4th application 1-2 weeks from the 3rd application.

5th application 1-2 weeks from the 4th application.

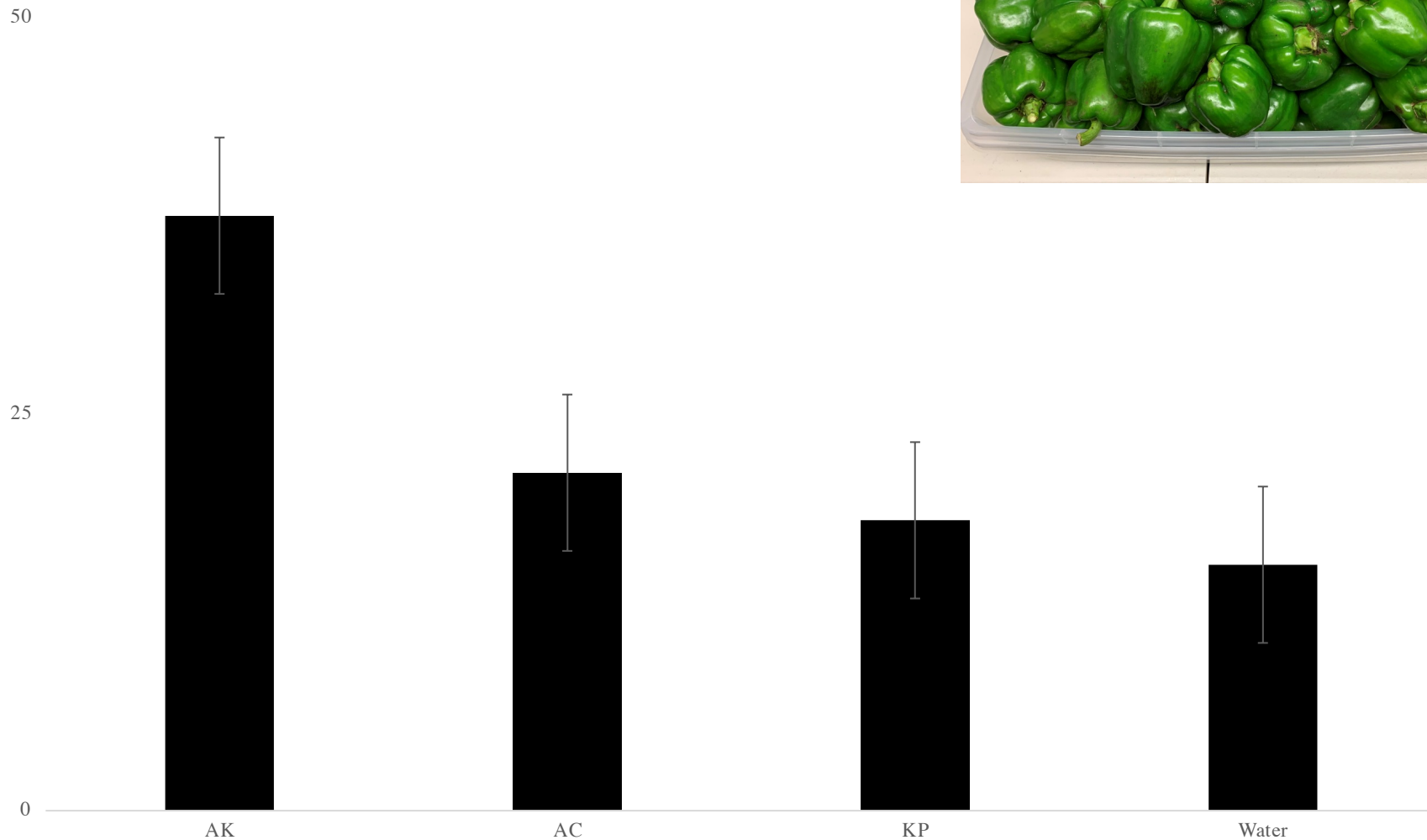
Dilution rate is recommended to be between 50 to 100 times.





Trials Results: Bell Peppers

Yield (Lb)





Trials Results: Tomatoes





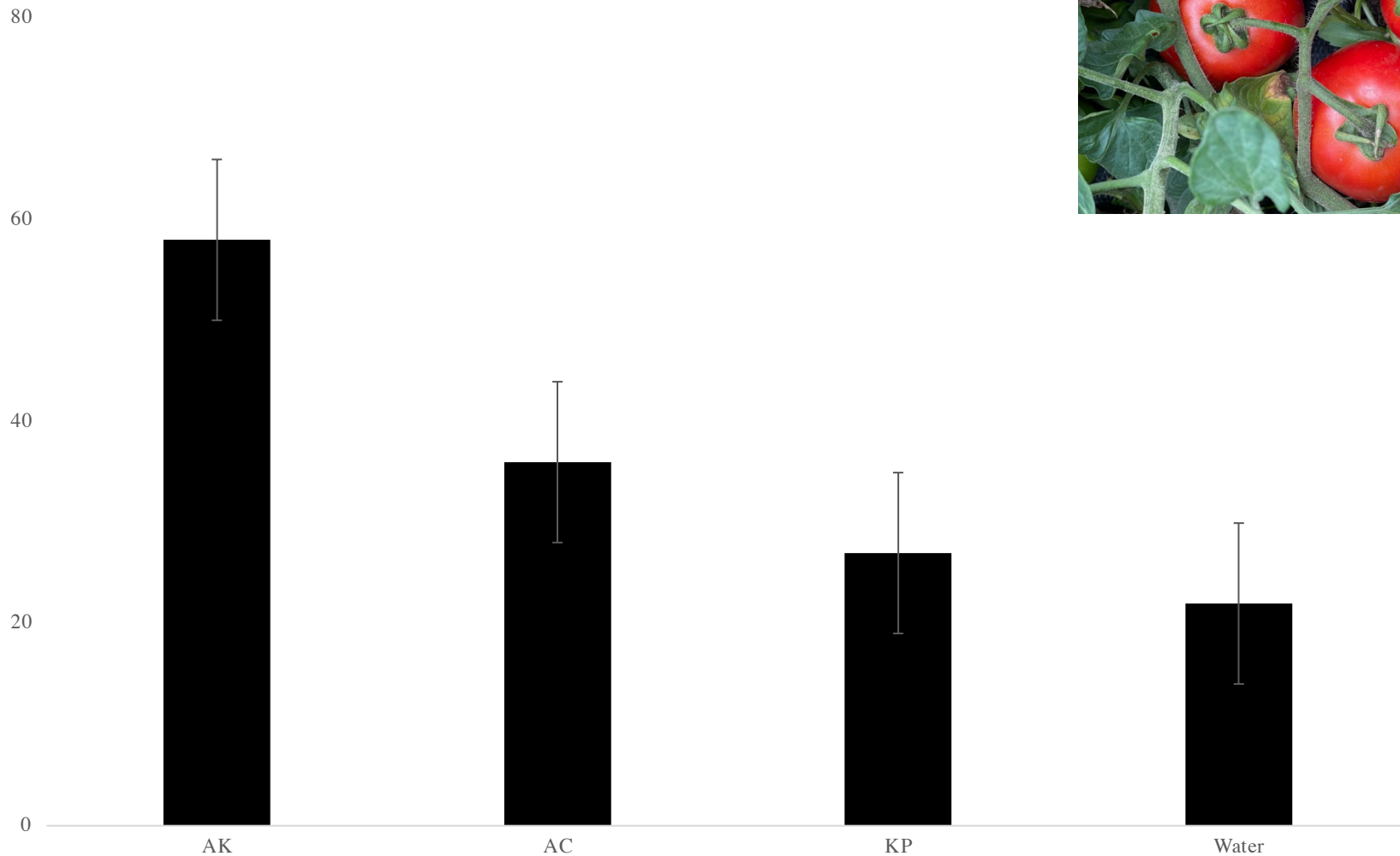
Trials Results: Tomatoes





Trials Results: Tomatoes

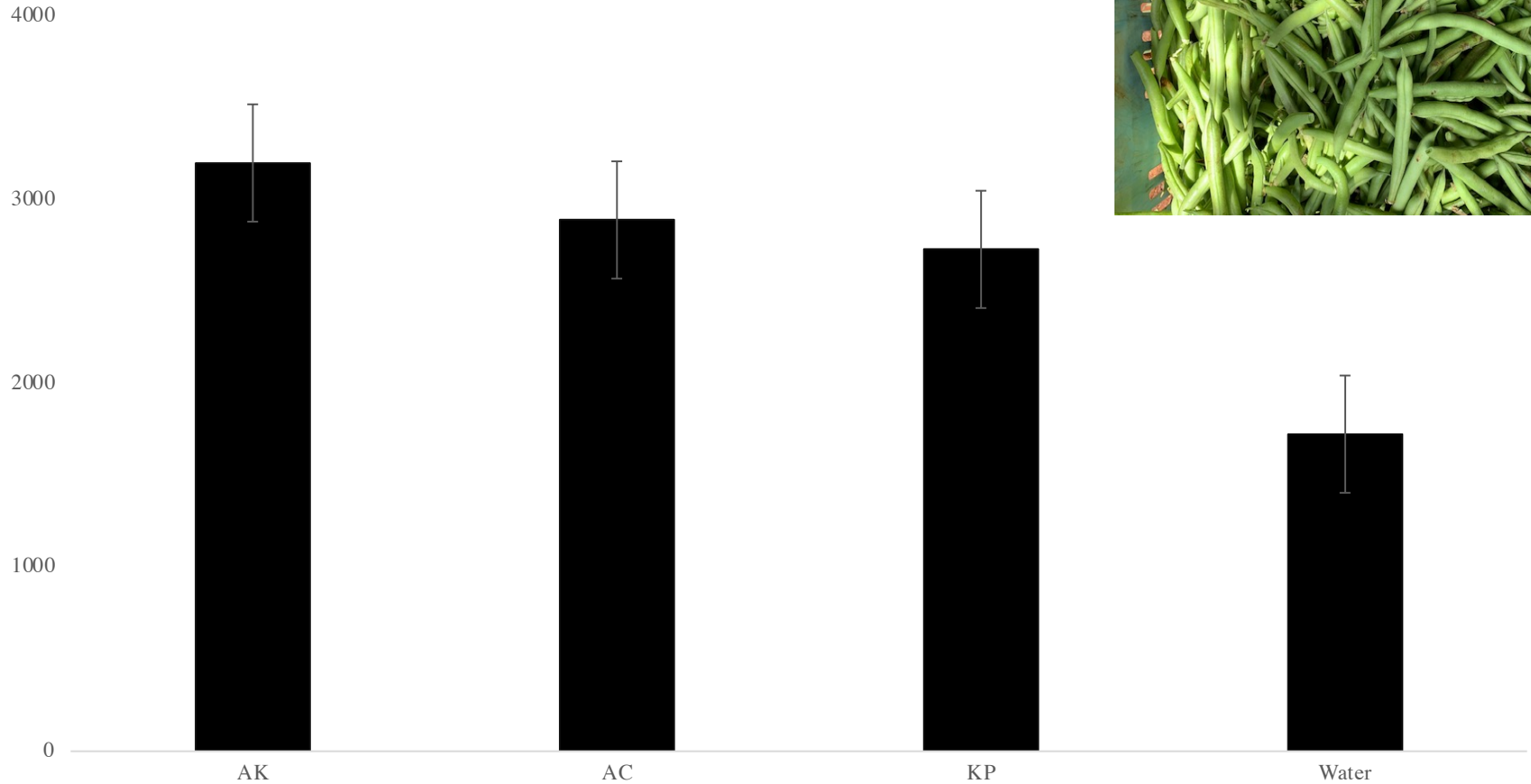
Yield (KG)





Trials Results: Bush Bean

Yield



Since the bush bean trials were not conducted in a greenhouse, the 1st seaweed extract application was after seed germination.



Mahalo!

