

Advanced Agriculture
Practice & Theory
Selected chapters:

Chapter 7D:

AutoAgronom -
A proven
Sustainable
Concept.

‘AutoAgronom
controlled Plants
under extreme
hot dry weather’.

Dr. Yoseph Shoub
Gerbera Breeding Ltd. Israel
Photos: Y. Shoub

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Lecture -7D

AutoAgronom controlled plants were not stressed by extreme Hot Dry Weather - 23.05,2019:

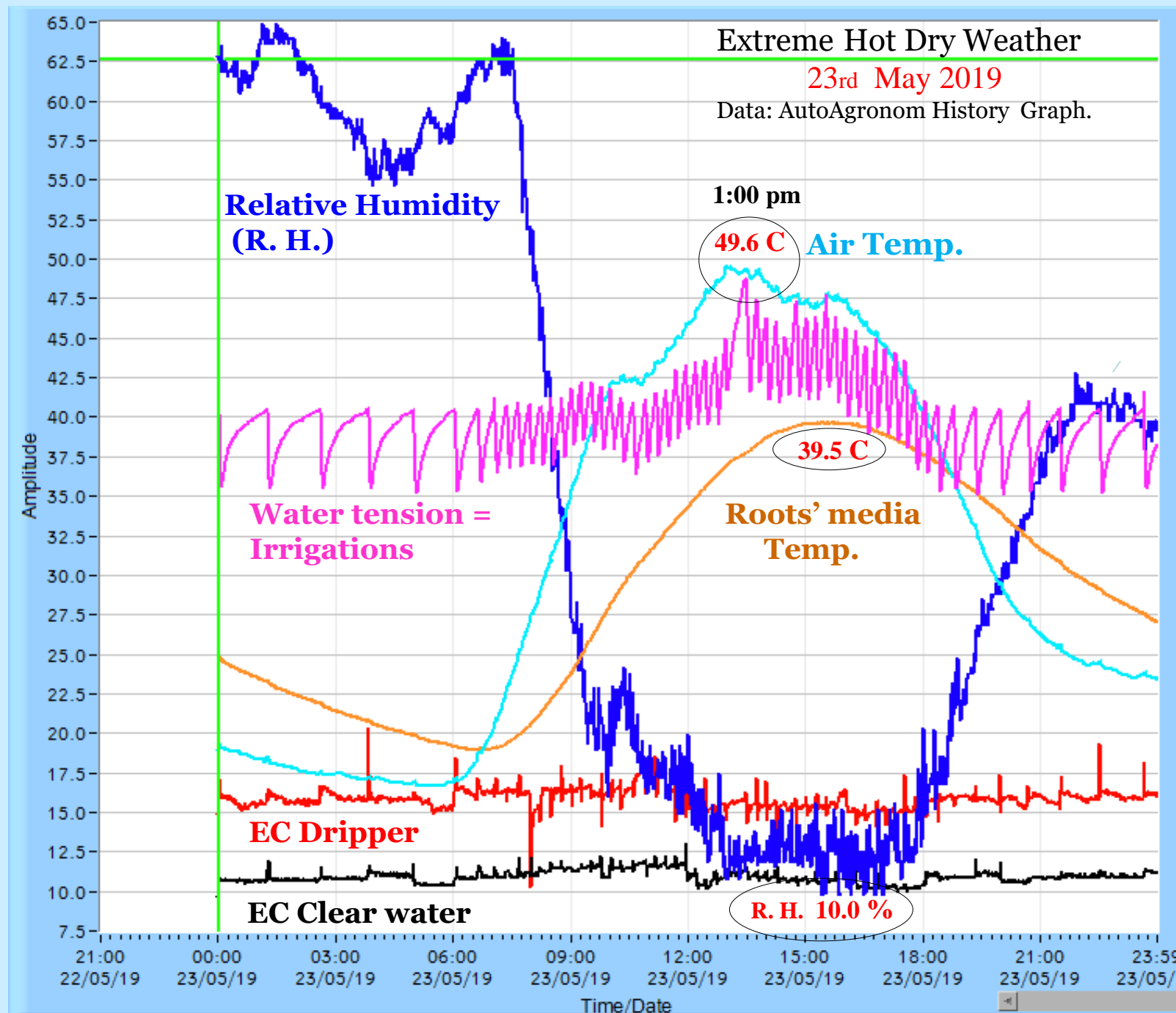
8.5 hours
of 40 to 50 C
(09:35 to 18:00)

The plants performed well, as if the weather was not extreme at all.*

After all "The roots do the work".

* see next page.

All the photos of the presentation have been taken in the greenhouse of Gerbera Breeding Ltd. Ganey Am, Israel, on that Day, at 1:45 pm. (around the heat peak hours.)



* Note

“Under AutoAgronom automatization the controlled 'Water-Tension values' in the roots media are always close (but above) the 'Saturation-Point' of the growing media.

As a result the effect of extreme environmental conditions on the plants are moderated and the plants continue to act efficiently, night and day, almost in any kind of difficult situation” (1)

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1. Y. Shoub, May 2019, “[Wise Agriculture will win](#)” - *is not just a slogan* - It is the practical necessity!
 2. The link to the presentation "The roots do the work" is: [The Roots Do the Work](#)
 3. The link to the AutoAgronom main lecture is: [Autoagronom Main Presentation - Oct. 2018](#)

Time: 1:45 PM
Temp: **49.3 C**

Gerbera selection trials.

Yoseph Shoub ©


The photos have been taken on May 23rd 2019 at 1:45 pm.
8 specimens represent the behavior of our AutoAgronom plants. Yoseph Shoub ©



shb - Gerbera var. Colombian Flare.

A close-up photograph of a Gerbera plant. The image shows several large, green, deeply lobed leaves with prominent veins. Several upright, green stems are visible, some with small, developing flower heads at their tips. The background is slightly blurred, showing more of the plant and some black support wires.

Gerbera leaves



Papaya seedlings



Bottle brush sprouts.



Bird of Paradise



Basil

Geraniums



A photograph of a plant with small, bright red, tubular flowers and green, rounded leaves. The plant is growing in a dark pot, and its stems are trailing over the edge. To the left, a pink bougainvillea is partially visible. A white text box with a black border is overlaid on the image, containing the text "Who is it?".

Who is it ?



Fig leaves



Adenium



Pineapple