

Rec. Agric. Food. Chem. 5:SI (2025) OP:12-12

records of agricultural and food chemistry

Experiences- Suggestions for a Good Production considering the Existing Problems

Authors: Charalampos Anousakis¹ and Konstantinos Kiritsakis² **Affiliation:** ¹Ennia Choria Elos Kissamou Chania Crete, Greece, ²Dpt. of Quality and Phytosanitary Control, Rural Development, Region of Crete, Greece anousakisc@gmail.com

High temperatures and drought can reduce or even eliminate the production of olive trees. Old techniques that helped it grow and survive in previous environmental crises can still offer solutions to drought and can be developed and adapted to new needs or simply maintained. The application of new biostimulants technology may mitigate to some extent the problems brought about by climate change or help with new production ideas. The know-how from their use in covered vegetable crops is very locally very important. Further study of oxidative stress in plants can help in dealing with the problems of high temperatures and drought. New know-how and continuous experimentation are required for the correct use and achievement of the expected results (goals) from the use of biostimulants.

Keywords: Olive trees; drought; biostimulants technology.