

www.ecozeo.eu

ECO-ZEO aims at the development of a new pool of green crop protection products, based on zeolites, delivering a wide range of beneficial effects including:

- Reduction of water consumption
- Increase of crop yield
- Crop protection and tolerance to abiotic stress
- Lower chemical input
- Healthier conditions to workers in agriculture and agrochemical sectors

Evaluations focus at crops with potentially high environmental and socio-economic benefits, business opportunities and scientific impact.

CROPS

APPLE



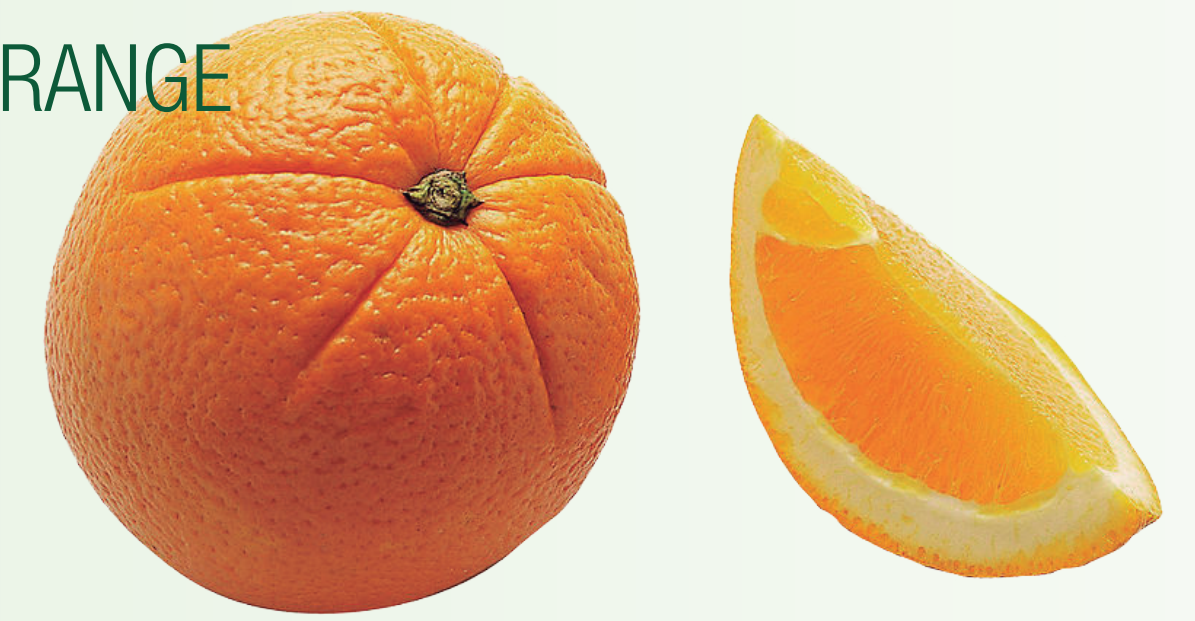
TOMATO



TABLE GRAPE



ORANGE



ATTRIBUTES

WATER

FACTS

Unsustainable water consumption, in particular in Southern Europe.

ECO-ZEO impact

Improved water efficiency.

AGRO-BIODIVERSITY

Balance of the agro-ecosystem that is threatened by standard practices.

Negligible ecotoxicity. Reduction of impact on soil microorganisms, predators and pollinators.

CONTROL OF PESTS AND DISEASES

Regulatory framework sets stricter criteria for approval of PPP's. Directive on sustainable use of pesticides.

Sustainable, complementary active ingredients will be used in ECO-ZEO formulations.

CROP YIELD

Possible reduction in CAP budgets. Expected increase in world population.

Increase of crop yield through sustainable means.

The ECO-ZEO consortium is constituted by 10 participants from 8 different countries covering Research Organizations (IRTA, BATEM, LEI and UGENT), Industry (Agriphar and FITO), Agro-biotech SMEs (TERRA, FERRER and CEMAS) and the EU Association of farmers (AREFLH) as a necessary background to ensure successful development of new Sustainable Crop Protection Strategies.

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