



OZONE AND TROPICAL AGRICULTURE

Now Available!!!!

For more information, and to register, please go to:

<https://www.ceh.ac.uk/training/ozone-and-tropical-agriculture>

A primer for crop scientists, farmers, students and other agricultural stakeholders

Course Objectives:

Have a basic understanding of ozone and how it is formed

Understand current and future patterns in ground level ozone

Understand how ground level ozone is a threat to crop plants

Learn how to tell when ozone damage has happened

Learn how to compare visible ozone damage symptoms with other threats to crop production

Learn about possible management options - mitigation and adaptation

Ensuring a stable food supply is critical for human wellbeing. When producing food, crops are exposed to numerous threats such as pests and diseases, heat stress and drought. All of these can reduce crop yield and be economically costly to manage.

Ground level ozone pollution is another, often overlooked, costly threat to agricultural production.

In the coming years, this gas will increase in concentration with damaging effects on plants including reduced crop yield and quality. The increase in ozone concentrations is happening all over the planet. Scientists expect the effects to concentrate in important tropical and sub-tropical crop-producing areas e.g. sub-Saharan Africa and parts of Asia.