

HTA Grower Technical Masterclass Programme for 2025

Aphid management in ornamental crops masterclass

Harper Adams University (HAU), Edgmond, Newport TF10 8NB

Tuesday 3rd June 2025

This masterclass aims to improve delegate knowledge of the different aphid species attacking ornamental crops. Through a better understanding of aphid biology and lifecycles, coupled with the correct identification of key aphid species, crop protection programmes can be improved via targeted monitoring, appropriate biocontrol agent selection, and timing of introductions. This is also a good opportunity to hear about the latest PhD aphid project work, and to view the research facilities at HAU. The event will also include practical exercises on aphid identification, devising an aphid control programme, and an end of event summary quiz.



Masterclass agenda

Time	Content	Speaker
Harper Adams University (HAU), conference room		
09:00 – 09:30	<i>Coffee, tea, and refreshments</i>	
Presentations		
09:30 – 10:10	Common aphid species found on ornamental crops – aphid biology, lifecycles, and identification. Practical identification exercise	Dr. Joe Roberts and Prof. Tom Pope, HAU
10:10 – 10:50	Monitoring and biological control strategies for ornamental crops	Selchuk Kurtev, Zest Sustainable ICM
10:50 – 11:00	<i>Coffee, tea, and refreshments</i>	
11:00 – 11:30	Understanding aphid host plant location for improved monitoring	John Owen, HAU
11:30 – 12:00	Next generation of aphid biological control	Prof. Tom Pope, HAU
12:00 – 12:40	Crop protection options for aphid management and integration into control programmes	Selchuk Kurtev, Zest Sustainable ICM
12:40 – 13:15	<i>Lunch buffet</i>	
Practical session at HAU		
13:15 – 14:15	Tour of entomology department and laboratories at HAU	Dr. Joe Roberts and team, HAU
14:15 – 15:00	Desktop exercise – planning an aphid management programme using example crops – delegates will be given an example crop to create a control programme	All delegates
15:00 – 15:30	Summary quiz to establish learnings from the day – an engaging multiple-choice quiz to round off the masterclass	All delegates
15:30	<i>Wrap up and depart</i>	

The number of delegates per business will be limited to one (total of 10 for the event).

BASIS and NRoSO continual professional development points will be available on the day of the workshop.

Venue address and directions:

Harper Adams University, Edgmond, Newport TF10 8NB

(highlighted in yellow and A on the map)

What3words: ///laugh.bolts.exhales

