



Chemicals Regulation Division

Two Day Workshop: Technical Fate and Behaviour Assessment of Plant Protection Products

DoubleTree by Hilton, York

Time	Day 1 – 20 May 2025
9:00 - 9:30	Registration and Refreshments
9:30 - 9:50	<p>Fate and behaviour assessments and the route to product authorisation:</p> <ul style="list-style-type: none"> • Key endpoints, active substance data gaps and critical areas of concern • An overview of environmental compartments • Active substance approved representative GAPs
9:50 - 10:45	<p>Introduction to the soil assessment:</p> <ul style="list-style-type: none"> • Approaches to calculation of soil exposures • Key endpoints and crop interception <p>Workshop session on calculation of soil exposure concentrations</p> <ul style="list-style-type: none"> • Practical session on calculating soil exposures • Accumulation approaches • CRD MS Excel calculator and ESCAPE when using biphasic endpoints
10:45 - 11:00	Refreshment Break
11:00 - 11:25	<p>Introduction to the FOCUS groundwater models</p> <ul style="list-style-type: none"> • Development of FOCUS groundwater • Main features of models and scenarios • Use and input parameters
11:25 - 12:30	<p>Workshop session on groundwater modelling</p> <ul style="list-style-type: none"> • Identifying critical GAPs and agreed substance endpoints • Groundwater assessments for active substances and metabolites • FOCUS PEARL and PELMO
12:30 - 13:15	Lunch
13:15 - 14:15	<p>Workshop session on groundwater modelling (continued)</p> <ul style="list-style-type: none"> • Refinement options • Model sensitivity • Common problems in regulatory submissions
14:15 - 15:00	<p>Groundwater exposure assessments FOCUS MACRO</p> <ul style="list-style-type: none"> • Demonstration of the model use and assessment of outputs.

15:00 - 15:15	Refreshment Break
15:15 - 16:00	Future developments <ul style="list-style-type: none"> • Updates on guidance and latest developments
16:00 - 16:30	Questions from the day
Time	Day 2 – 21 May 2025
9:00 - 9:15	Registration and Refreshments
9:15 - 9:30	Recap on Day 1
9:30 - 9:50	Introduction to UK surface water modelling – drainflow exposure <ul style="list-style-type: none"> • Approach to first tier • Soil loading, timings and crop types • Higher tier approaches
9:50 - 11:00	Workshop session <ul style="list-style-type: none"> • Identifying critical GAPS • First tier and higher tier drainflow approaches • Common problems
11:00 - 11:15	Refreshment Break
11:15 - 12:30	Introduction to UK surface water modelling - spray drift exposures <ul style="list-style-type: none"> • Spray drift and buffer zones • Drift exposure and crop type • Drift reduction technology
12:30 - 13:15	Lunch
13:30 - 14:45	Workshop session on UK spray drift modelling <ul style="list-style-type: none"> • Spray drift exposure approaches • Standard and drift reduction assessments • Selection of exposure values for different crop groupings
14:45 - 15:00	Refreshment Break
15:00 - 15:20	Exposure assessment approaches for air
15:20 - 15:45	Use of the risk envelope approach for environmental risk assessment: <ul style="list-style-type: none"> • Practical examples highlighting the usefulness of the risk envelope approach, in exposure assessments. • Awareness of specific use scenarios
15:45 -16:00	Wrap up plus open question and answer session

Please note all timings are approximate, and we reserve the right to amend the content if appropriate.