

Exponent®
Engineering & Scientific Consulting

Jane Evans

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Professional Profile

Jane Evans is a managing scientist in Exponent's Chemical Regulation & Food Safety practice. She advises agrochemical manufacturers and registrants on EU and GB regulatory compliance, with particular expertise in operator, worker, resident, and bystander exposure assessment. She has over 20 years of experience in the crop protection industry, including agrochemical regulatory science, non-dietary human health risk assessment, plant protection product submissions, and field trials.

Non-Dietary Exposure Assessment

Ms. Evans specialises in non-dietary human health risk assessment for plant protection products (PPPs) under EU and GB regulatory frameworks. She applies a full range of exposure models — including the EFSA online calculator (EFSA 2022) — to assess risks to operators, workers, residents, and bystanders in support of active substance renewals and product authorisation submissions. Her assessments are compliant with current EFSA and HSE guidance and structured to meet the standards required by regulatory authorities.

Classification & Co-Formulant Assessments

Ms. Evans advises clients on the acute toxicity classification of plant protection products and biocides, including classification by calculation under CLP/GHS criteria. She has extensive experience compiling and evaluating the detailed toxicological data required for co-formulant assessments in both active substance dossiers and product submissions, helping manufacturers identify data gaps and meet the information requirements of EU and GB competent authorities.

Plant Protection Product Regulatory Submissions

Ms. Evans supports the preparation of plant protection product regulatory submissions across the full dossier lifecycle, including draft Renewal Reports (dRR) — specifically the B6 (human health) section and product authorisation applications. She advises clients on Good Agricultural Practice (GAP) consolidation and the strategic framing of human health data packages to satisfy the requirements of Rapporteur Member States and the UK Health and Safety Executive (HSE).

Exposure Studies & Higher-Tier Data

Ms. Evans has direct experience in the generation and critical evaluation of higher-tier exposure data, including dermal absorption studies and dislodgeable foliar residue (DFR) studies, assessed in accordance with EFSA guidance. She advises clients on study design, data interpretation, and the integration of higher-tier results into refined risk assessments. Her background conducting field trials for

over a decade gives her practical insight into the agricultural practices and equipment use scenarios that underpin realistic exposure modelling.

Academic Credentials & Professional Honors

B.Sc., Biology, University of Bath, UK, 2003

Prior Experience

Regulatory Efficacy Consultant, Enviresearch Ltd, 2016-2018

Senior Trials Manager, NIAB, 2011-2013

Senior Trials Officer, The Arable Group/NIAB, 2007-2011

Trials Officer, ARC/The Arable Group, 2003-2007

Publications

Presentations

Evans, J., Akademie Fresenius – Introduction: Operator, Resident, Bystander, Worker Exposure Risk Assessment, Online Training, 2023