

Exponent®
Engineering & Scientific Consulting

Srinivas Reddy Byreddy

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Professional Profile

Mr. Byreddy is part of a small team specialising in the regulatory efficacy of Plant Protection Products. He manages efficacy projects for clients, including planning and managing efficacy field trials (including 3D crops), reviewing trials reports, providing analysis of client's data and compiling efficacy dossiers for submission to European regulators. He has over 10 years of experience in compiling Biological Assessment Dossiers, Part B Section 3 dRR's and national addenda in compliance with current EU and UK regulatory guidelines, across for a wide variety of product types.

Mr. Byreddy also has experience in writing national Comparative Assessments and Mutual Recognition dossiers. He has extensive agronomic knowledge of numerous tropical and sub-tropical crops. He is an advanced user of field trials software (ARM and ARM ST) to analyse large datasets, with a high level of data automation. He specific expertise in identifying European earthworm species, gained as part of a previous study programme. He has also used the SAS program for scientific reporting of complex higher TIER studies. In addition, Mr. Byreddy has helped to deliver training in efficacy dossier writing, data management and peer reviewing, to enable the attendee to provide high-quality, technically sound, efficacy dossiers.

Mr. Byreddy's role in Exponent International Ltd. is to manage Plant Protection Product efficacy projects, compile Biological Assessment Dossiers and other evaluation documents, including Comparative Assessments, Mutual Recognitions and National re-registration dossiers, under the EU Plant Protection Products Directive and UK National Laws. His role also includes conducting Data Gap Analyses of clients existing efficacy data sets, provide guidance as to the type, amount and placing of efficacy trials within the EU and UK, to fulfil the necessary data requirements for PPPs and designing efficacy study plans. In addition, Mr. Byreddy can advise on the agronomy for crops grown in tropical and sub-tropical conditions.

Academic Credentials & Professional Honors

M.Sc., University of Hohenheim, Germany, 2006

B.Sc., Horticulture, Agricultural University, India, 2004

Prior Experience

Efficacy Senior Regulatory Efficacy expert, Eurofins AgroScience Services UK Ltd, 2010-2021

Terrestrial field Ecotoxicologist, Eurofins AgroScience Services GmbH, Germany, 2007-2009

Research Assistant, University of Hohenheim (Germany), 2006

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Languages

Telugu

Publications

Srinivas Reddy Byreddy: Different ecotoxicological test designs to assess the effects of Plant Protection Products (PPP) on development of Poecilus cupreus larvae (Coleoptera; Carabidae). A. Fangmeier (1. Gutachter), Ber. Inst. Landschafts-Pflanzenökologie Univ. Hohenheim Heft 14/15/16, 2004-2006.

Srinivas Reddy Byreddy *et al.*: Different Ecotoxicological test designs to assess the influence of Plant Protection Products on the development of the Ground Dwelling Predator- Poecilus cupreus (L.) (Coleoptera; Carabidae), Page 213, 11. SETAC-GLB Jahrestagung 2006.

Srinivas Reddy Byreddy *et al.*: Influence of distribution patterns of insecticide coated seeds on lethal and sublethal effects on larvae of Poecilus cupreus (L.) (Coleoptera; Carabidae) in laboratory testing, SETAC 2007.

Different ecotoxicological test designs to assess the effects of Plant Protection Products (PPP) on development of Poecilus cupreus larvae (Coleoptera; Carabidae). A. Fangmeier (1. Gutachter), Ber. Inst. Landschafts-Pflanzenökologie Univ. Hohenheim Heft 14/15/16, 2004-2006.

Different Ecotoxicological test designs to assess the influence of Plant Protection Products on the development of the Ground Dwelling Predator- Poecilus cupreus (L.) (Coleoptera; Carabidae), Page 213, 11. SETAC-GLB Jahrestagung 2006.

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Project Experience

Compiled various PPP regulatory dossiers according to EU 1107/2009 regulation and UK PPP legislation. Managed Pan-EU GEP efficacy field trials programs in accordance with appropriate guidance documents (i.e., EPPO, OECD guidelines). Conducted TIER I laboratory studies and higher TIER semi-field and field studies. Reported complex ecotoxicological field trials (Earthworm and Non-target arthropod trials). Involved in ‘EU Waste’ ring test group plant toxicity testing, as research assistant for ecotoxicological characterisation of waste and waste eluates.