

# **Evaluation Manual for the Authorisation of Plant protection products and Biocides**

**NL part**

## **Plant protection products**

**Chapter 6 Fate and behaviour in the environment:  
behaviour in air**

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**Authors:**

**Adi Cornelese, BSc  
Werner Pol, MSc, BSc**

**Coordination:**

**Werner Pol, MSc, BSc**

**Lay-out:**

**Jiske de Wolf**

**ctgb**

**Board  
for the Authorisation  
of Plant protection products and Biocides**

**Chapter 6 Fate and behaviour in the environment; behaviour in air**  
Category: Plant protection products

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## GENERAL INTRODUCTION

This chapter describes the data requirements for estimation of the fate and behaviour in the compartment air of a plant protection product and its active substance and how reference values are derived in the NL framework (§2 - §2.5).

### 2. NL FRAMEWORK

The NL framework (§2 - §2.5) describes the authorisation procedure for Plant protection products based on existing substances, included in Annex I, and new active substances. A new substance is a substance not authorised in any of the Member States of the EU on 25<sup>th</sup> of July 1993.

The pesticide that contains such substances may be authorised if the criteria laid down in the Wgb (Plant protection products and Biocides Act) 2006 [1] are met. The product is tested against the Plant protection products and Biocides Regulations (RGB) [2]. The evaluation dossiers must meet Annex II and III to Directive 91/414/EEC (see Application Form and corresponding instructions).

A Member State may deviate from the EU evaluation on the basis of agricultural, phytosanitary and ecological, including climatological, conditions.

The NL framework describes the data requirements (§2.2), evaluation methodologies (§2.3), criteria and trigger values (§2.4) for which specific rules apply in the national testing framework or when the national testing framework has been elaborated in more detail than the EU framework.

The NL procedure described in §2 - §2.5 of this chapter is used for evaluation of a substance for inclusion in Annex I where no EU procedure has been described.

#### 2.1. Introduction

There is as regards behaviour in air no deviation from the EU evaluation methodology for any of the aspects and no NL-specific methodology is followed.

#### 2.2. Data requirements

The data requirements for chemical Plant protection products are in agreement with the provisions in EU framework (see §1.2 of the EU part). The question numbering of the NL Application Form has also been included in §1.2 of the EU part.

NL-specific data requirements and further elaborations of the EU data requirements are given in the text below.

Experiments carried out after 25<sup>th</sup> of July 1993 must have been carried out under GLP.

There may be no doubt about the identity of the tested product or the purity of the tested substance for each study.

The studies must be carried out in compliance with the applicable guidelines. A review of the guidelines and whether or not these are required for particular fields of use is given in Appendix A to Chapter 6

#### 2.3. Risk assessment

The national evaluation will be in line with the European risk assessment methodology for behaviour in air as presented in the in the FOCUS Air report [3].

## 2.4. Approval

The assessment of the risk of behaviour in air has been laid down in regulations. The Wgb (Plant protection products and Biocides Act) 2006 [1] stipulates in Art. 28 (1) (b4 and b5): “a pesticide may only be authorised where this has no unacceptable effect on the environment” and has no direct or indirect harmful effect on the health man (Pesticides Act 1962, art. 3, first section (a) (3).

The evaluation of products on the basis of existing active substances already included in Annex I, or new substances, has been laid down in the Plant protection products and Biocides Regulations (RGB) [2] in which it is elaborated that these products are evaluated according to the Uniform Principles (UP).

Decision making regarding air is in line with the EU framework. This concerns the parts B Evaluation and C Decision making as for behaviour in air included in §1.4. Testing for permissibility as regards environmental criteria was developed in the Working group FOCUS AIR [3].

### 2.4.1. *Criteria, trigger values and decisions on approval*

For the criteria, trigger values and decisions on approval for the national authorisation we refer to the EU part (§1.4.1 and §1.4.2).

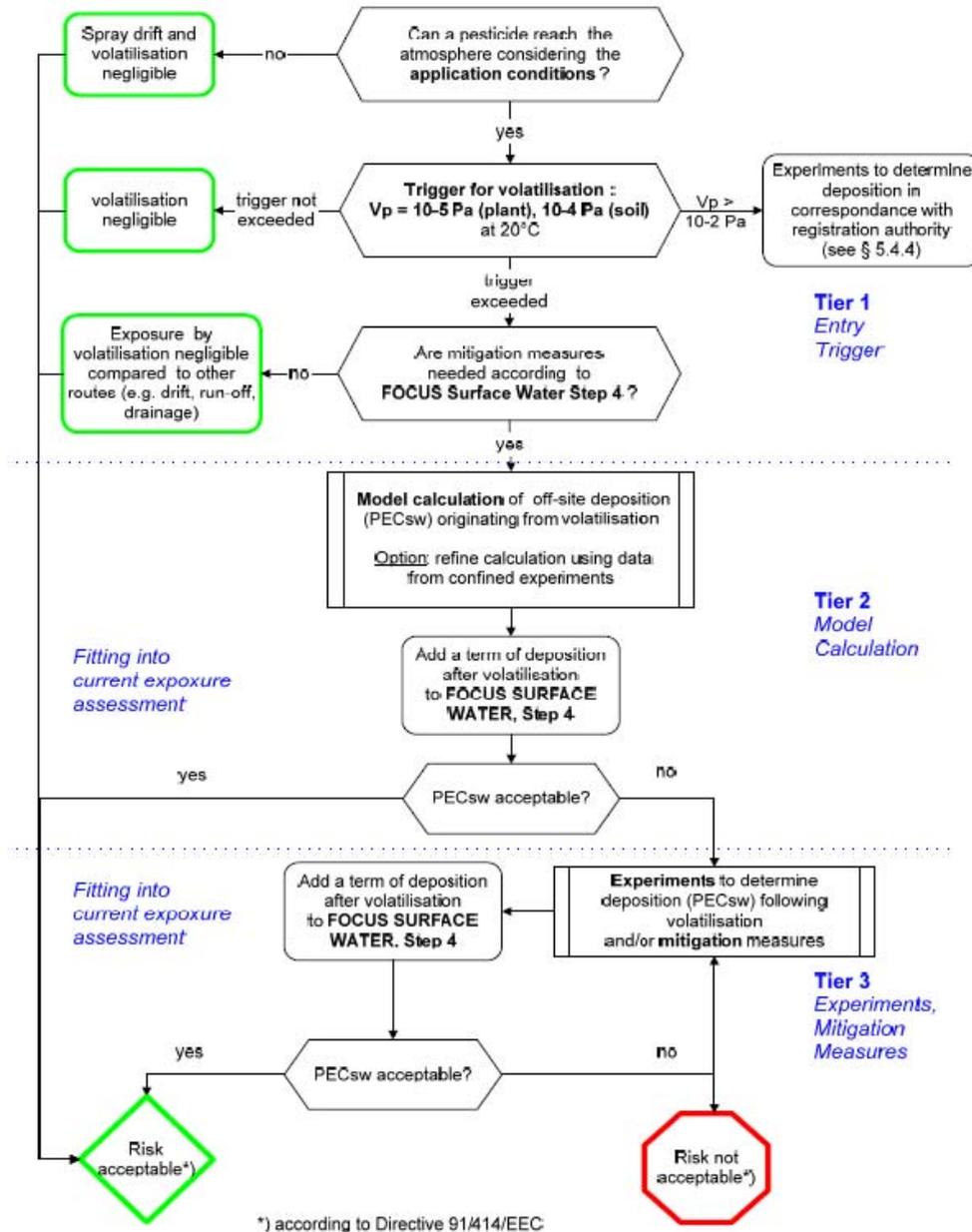
## 2.5. Developments

PESTICIDE EMISSIONS FROM PROTECTED CROP SYSTEMS PPR Working Group on the Development of a new Guidance Document on Emissions of Plant protection products from Protected Crops.

### 3. APPENDICES

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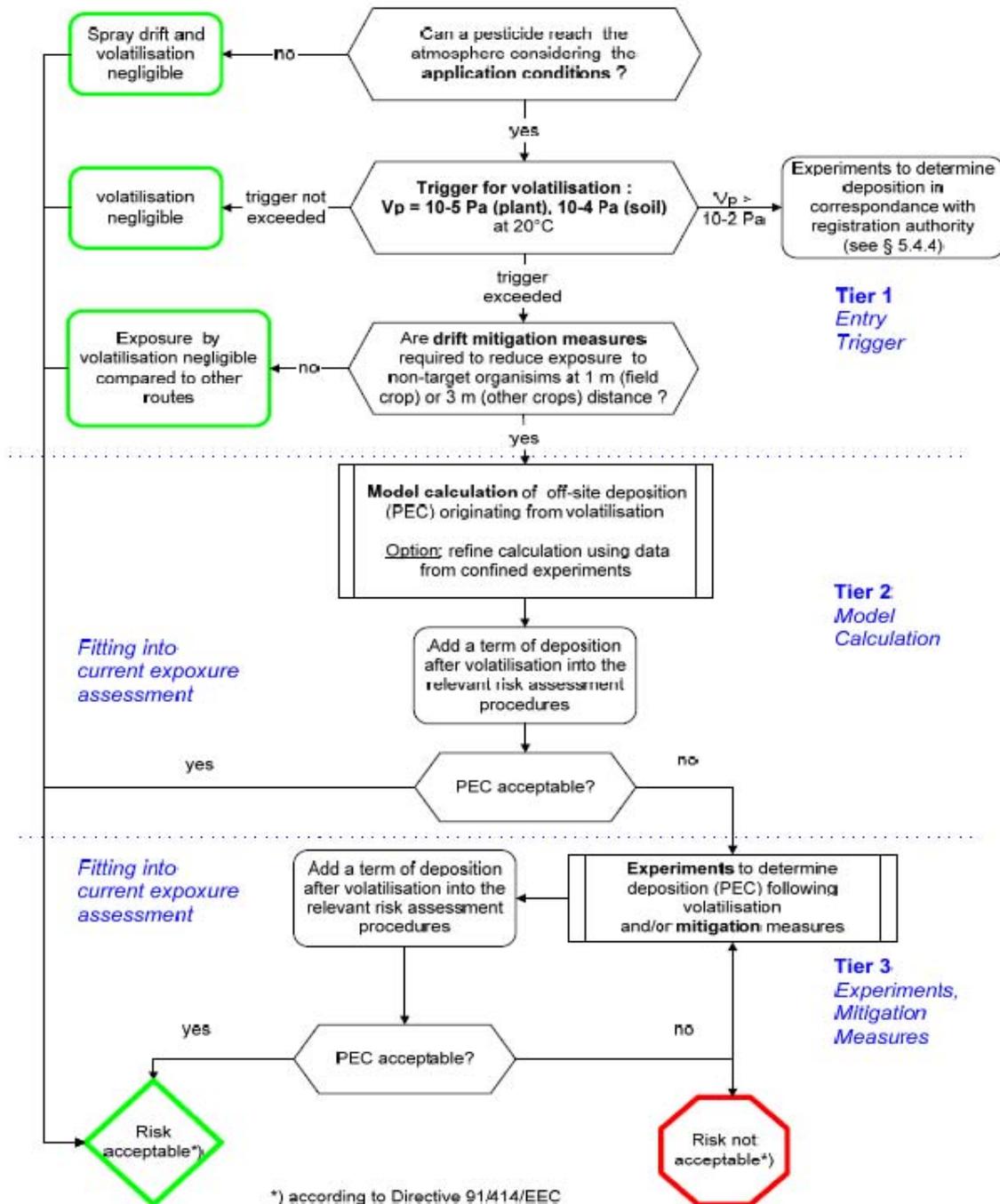
## Appendix 1 Decision tree Behaviour in air; Aquatic Deposition



Green rectangle

No further action required with regard to volatilisation

**Appendix 2 Decision tree Behaviour in air; Terrestrial Deposition**



**Green rectangle**

No further action required with regard to volatilisation

#### 4. REFERENCES

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- 1 Regeling voor de toelating, het op de markt brengen en het gebruik van gewasbeschermingsmiddelen en biociden (Wet gewasbeschermingsmiddelen en biociden) (Plant protection products and Biocides Act, Wgb 2006); NL acts, decisions, orders, etc. can be obtained via <http://wetten.overheid.nl/>;
- 2 Regeling van de Minister van Landbouw, Natuur en Voedselkwaliteit van 26 september 2007, nr. TRCJZ/2007/3100, houdende nadere regels omtrent gewasbeschermingsmiddelen en biociden (Plant protection products and Biocides Regulations (RGB), published in the Government Gazette (Staatscourant) 188 of 28 September 2007 came into effect on 17 Oktober 2007; including  
Regeling van 20 oktober 2009 tot wijziging van de Regeling gewasbeschermingsmiddelen en biociden in verband met de aanwijzing van beoordelingsmethoden), published in the Government Gazette (Staatscourant) 16032 of 26 Oktober 2009 came into effect on 1 January 2010; NL acts, decisions, orders, etc. can be obtained via <http://wetten.overheid.nl/>
- 3 FOCUS (2008). "Pesticides in Air: Considerations for Exposure Assessment". Report of the FOCUS Working Group on Pesticides in Air, EC Document Reference SANCO/10553/2006 Rev 2 June 2008. 327 pp.;