# Content pesticide guide

CONTENT PESTICIDE GUIDE	1
AIM PESTICIDE GUIDE	2
INTRODUCTION	2
HISTORY OF THE DOCUMENT	3
WORK METHOD	4
DEFINITIONS	5
PESTICIDE ANALYSIS RESULT (PESTICIDE LEVEL)	5
CMR substances	5
2002/32 PESTICIDE	5
FOOTNOTE 1 PRODUCTS	5
SCHEMES	6
SCHEME I - PESTICIDE LISTED IN DIR. 2002/32 EG	
SCHEME II - PESTICIDE AND FEED MATERIAL LISTED IN REG. EC 396/2005	
SCHEME III - PESTICIDE IN REG. 396/2005, FEED MATERIAL DERIVED FROM PRODUCT LISTED IN REG. 396/2005	8
SCHEME IV - FEED MATERIAL NOT DERIVED FROM PRODUCT OR EXCLUDED PART IN VO. 396/2005	
Scheme V $-$ Pesticide not listed in Dir. 2002/32/EG and Reg. EC 396/2005 or pesticide analysis result exceeds MI	
Vo. 396/2005	11
ANNEX 1: CALCULATIONS WITH PESTICIDE ANALYSIS RESULTS	
CONVERSION TO 88% DM (EU DIR. 2002/32 PESTICIDES)	
CONVERSION PESTICIDE ANALYSIS RESULT TO MRL DEFINITION (EU Reg. 396/2005 PESTICIDES)	
CONCENTRATION FACTORS	
Concentration factor based on drying	
Fat-based concentration factor (fat-soluble pesticide)	
Concentration factors according to yield	
Concentration factors according to measurements of specific pesticides on specific feed materials	13
ANNEX 2: INFORMATION SOURCES	14
NATIONAL AND INTERNATIONAL LEGISLATION AND LIMITS	
PUBLISHED CONCENTRATION FACTORS	
SOURCES OF DRY MATTER AND FAT CONTENTS (IF NOT KNOWN FROM THE SAMPLE ITSELF)	
RISK ASSESSMENT FOR CONSUMERS	15
ANNEX 3: MANUAL FOR LOOKING UP CMR STATUS PESTICIDE (ACTIVE INGREDIENT)	16
WHY DO YOU WANT TO KNOW IF A PESTICIDE IS A CMR SUBSTANCE?	
WHAT IS A CMR SUBSTANCE IN THE CONTEXT OF PESTICIDE EVALUATION?	
HOW CAN YOU LOOK UP THE CMR STATUS OF A PESTICIDE?	
Method A) Through the legal text	16
Method B) Via FU pesticide database	17

# Aim pesticide guide

This document "Pesticide guide" describes how analysis results regarding residue of pesticide(s) in feed materials intended for the Dutch market, are assessed.

## Introduction

The "Pesticide guide" is developed by the MRL meeting by the following parties1:

Parties	Scope	Website		
Nevedi	Compound feed, premixtures/additives, calf milk powder and wet products	www.nevedi.nl		
KONINKLIIKE VERENIGING HET COMITÉ VAN GRAANHANDELAREN	Trade in grains, seeds and pulses	https://graan.com/the-royal-dutch-grain-and-feed-trade-association		
CIRCULAR FEED association	Wet feed	https://www.circularfeed.eu/en/		
VERNOF	Processing oilseeds, refining of vegetable oils and fats	https://www.vernof.com/		
	Production, processing and trade of oils and fats	https://mvo.nl/en		
Vereniging Diervoederspecialiteiten Diergezondheidsproducten Nederland	Feed Specialties, animal health products	https://www.vddn.nl/index.php/en/		
Secure Feed	Production and trade in feed for di- rect delivery to farmers	www.securefeed.eu		

The *Pesticide guide* has been coordinated with the NVWA and shared with the Dutch Ministry of Agriculture, Nature and Food Quality and the Dutch Ministry of Health, wellbeing and sports.

<sup>&</sup>lt;sup>1</sup> The copyright of the *Pesticide guide* lies with SecureFeed, as does the management of the *Pesticide guide*.

# History of the document

Version	Version completion date	General	Changes	Publication date	
3.3	05-02-2024	Update links & information	Table of contents added Intro: new weblinks organizations Annex 2: New weblink MRL tool Annex 3: Explanation how to determine CRM status of pesticide		
3.2	29-03-2023	Update	New link Circular Feed Association New links EU Pesticidedatabase Annex 2: New MVO document (and deletion Fediol document as not needed anymore) + New link EFSA concentration factors		
3.1	11-08-2022	Update	Correction dead link to FEDIOL processing factors	11-08-2022	
3.0	21-03-2022	Update	Work method: included new interpretation of measurement uncertainty NVWA New chapter definitions Scheme III: Reference to annexes regarding processing factors Scheme IV: Reference to required argumentation for use of annex 1 and possible request of risk assessment by NVWA Scheme V: mention processing factor and derived MRL in scheme Annex 2: correction dead links and addition new links (MRL tool, wet dieren (Dutch), MRL interpretation NVWA, future footnote 1 product list, performance criteria GMP)	Tbd	
2.1	13-01-2022	Update of links to legislation / EU pesticide database	Annex 2: correction of dead links	2-2022	
2.0	26-08-2019	Final version for publication on website	Adjustments following parties in the MRL meeting	26-9-2019	

### Work method

For the proper use of the *Pesticide guide* it is important to follow the following general rules:

- 1. Start every assessment at the beginning of the *Pesticide guide*, do not skip any steps. The assessment is a "peel-off model" in which options are increasingly eliminated. Starting the assessment at a random point in the *Pesticide guide* could lead to an incorrect assessment;
- 2. When an animal feed is unsafe and/or a legal limit is exceeded, the NVWA should be notified. Follow the guidelines of the NVWA (<a href="https://www.nvwa.nl/onderwerpen/diervoeder/melden-onveilige-diervoeders">https://www.nvwa.nl/onderwerpen/diervoeder/melden-onveilige-diervoeders</a>) and the notification guidelines of other organisations involved.
- 3. Sources of information that can help with pesticide assessment are listed in Annex 2. Always check whether the relevant link still leads to the most recent version of a source. Notify the manager of the Pesticide guide (monitoring@securefeed.eu) when links are no longer functioning or information is outdated. Substantive comments on the Pesticide guide can be submitted to your branch organization (specified on the cover page), so they can be discussed during periodic consultations of parties involved in the development of the Pesticide guide.
- 4. In cases not covered by the *Pesticide guide* the company that had the sample analysed (this can also be a company which sends a sample within a collective monitoring programme) shall assess the analysis results of pesticide(s) and the suitability of the relevant batch of feed material as feed;
  - "Anyone who deals with feed must immediately notify the NVWA if he / she finds or suspects that the feed exceeds legal limits, endangers human or animal health or is harmful to the environment". The legal basis for this is article 5.15 of the Dutch law Wet Dieren (https://wetten.overheid.nl/BWBR0030250).
- 5. The collaborating parties in the MRL consultation have drawn up the *Pesticide guide* with the greatest possible care. However, this does not relieve the user from his own responsibility to correctly apply the legislation. The company is always primarily responsible for food safety. The *Pesticide guide* only aims to provide a guide on how to deal with a pesticide analysis result based on the current legislation. Therefore, the use of the *Pesticide guide* is entirely at one's own risk. The collaborating parties cannot be held liable for the consequences of the use of the *Pesticide guide* in any way.
- 6. The *Pesticide guide* is coordinated with the competent authorities, but is not official legislation. No rights can therefore be derived from the results obtained with the use of the *Pesticide guide*.

#### **Definitions**

#### Pesticide analysis result (pesticide level)

The result of the analysis as reported to the laboratory. The analysis result is to be corrected when not in the correct format to judge against legislation (88%DM for EU Dir 2002/32 pesticides, MRL definition for EU Reg 396/2005 pesticides), see annex 1. An analysis result that is part of a legislated sum, does not have to be judged separately if the sum is already judged.

#### **CMR** substances

Active substance of a pesticide which is according EU Reg. 1272/2008 classified if one or more of the terms (Muta. 1A, Muta 1B, Carc. 1A, Carc. 1B, Repr. 1A, Repr. 1B). In case of CRM substances measurement uncertainty may <u>not</u> be taken into account when comparing results to MRL. The "Toelichting pesticidewijzer" (Dutch) provides examples of CRM substances, which are generally not allowed anymore as crop protection agent in the EU.

#### 2002/32 pesticide

Pesticide with limits defined in Directive 2002/32/EG, Annex I, section IV.

When comparing pesticide analysis result to the limits, measurement uncertainty may not be taken into account.

- Aldrin
- Dieldrin
- Camphechlor (toxaphene) sum of indicator congeners CHB 26, 50 and 62
- Chlordane (sum of cis- and trans-isomers and of oxychlordane, expressed as chlordane)
- DDT (sum of DDT-, DDD- (or TDE-) and DDE-isomers, expressed as DDT)
- Endosulfan (sum of alpha- and beta-isomers and of endosulfansulphate expressed as endosulfan)
- Endrin (sum of endrin and of delta-keto-endrin, expressed as endrin)
- Heptachlor (sum of heptachlor and of heptachlorepoxide, expressed as heptachlor)
- Hexachlorobenzene (HCB)
- Hexachlorocyclohexane (HCH)
  - alpha-isomers
  - beta-isomers
  - gamma-isomers

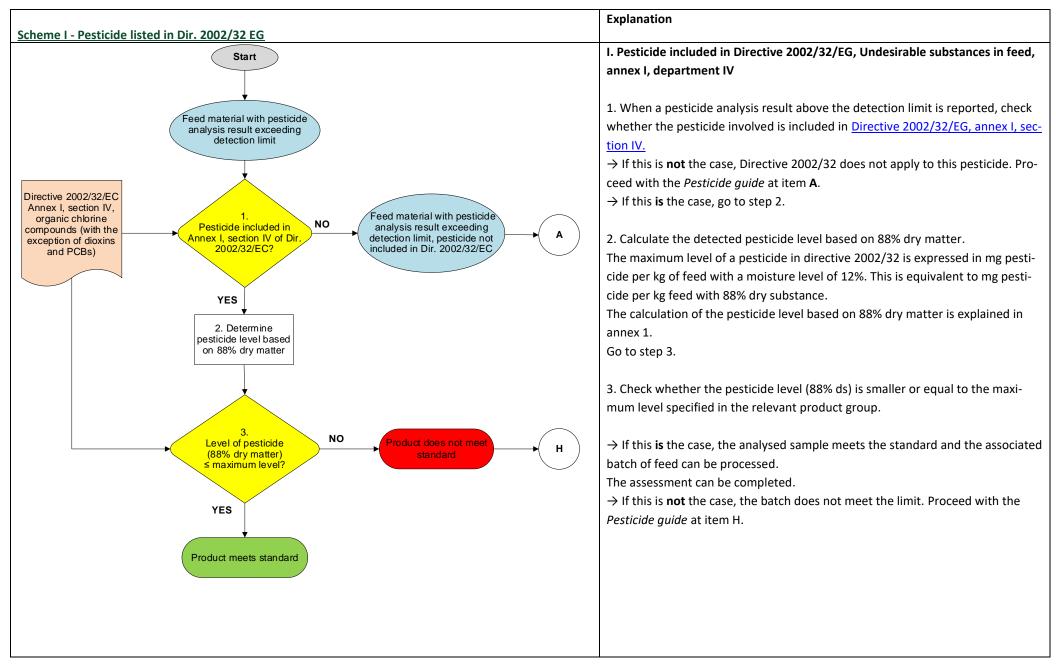
#### **Footnote 1 products**

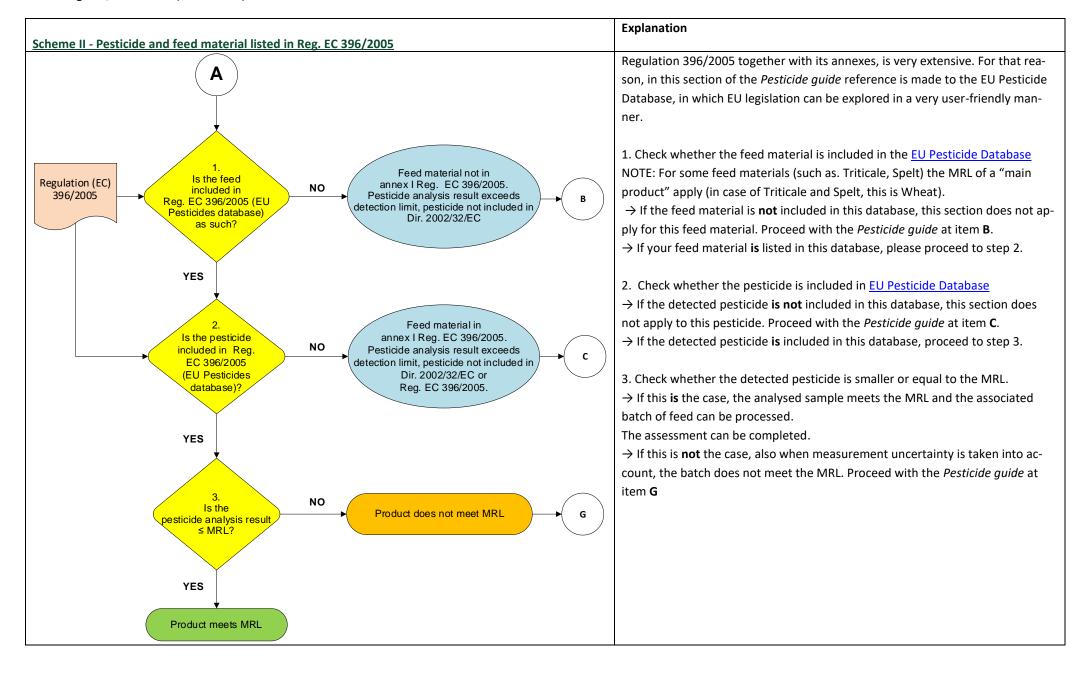
MRLs <u>do not apply</u> to products or part of products that by their characteristics and nature are used <u>exclusively</u> as ingredients of animal feed, until separate MRLs are set in the specific category 1200000 (footnote 1 Annex 1 Regulation EG 396/2005 as defined in Regulation (EU) 2018/62).

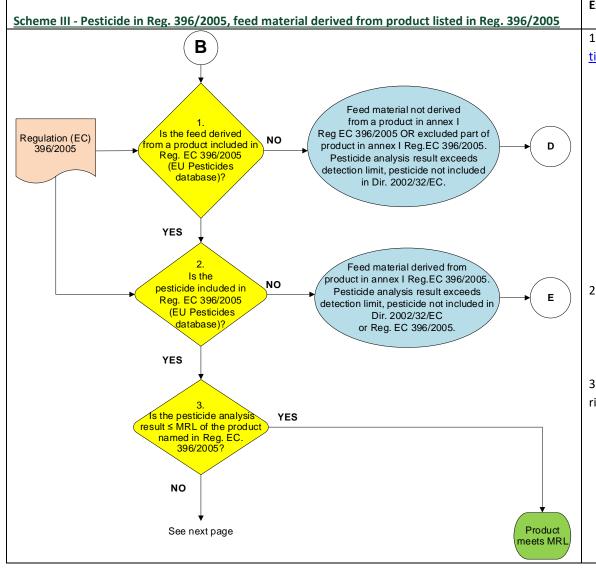
For such "footnote 1 products" applies that the product should be judged as not unsafe by means of risk assessment. Next to that argumentation should be provided that product is by characteristics and nature used exclusively as ingredients of animal feed, i.e. the footnote applies.

Annex 2 of this document refers to tools, which can be used for risk assessment.

#### **Schemes**





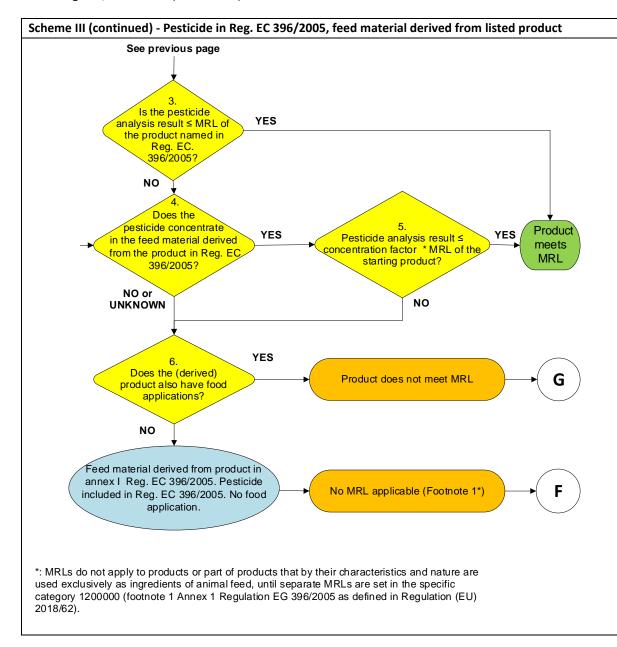


#### **Explanation**

1. Check whether the feed material is derived from a product included in the <u>EU Pesticide Database</u>

#### NOTE:

- → If the start product is **not** included in the EU Pesticide database, this section does not apply to your feed material. Proceed with the *Pesticide guide* at item **D**.
- → If the start product **is** included in this database, please check <u>column 6</u> of annex I of Reg. EC no. 396/2005 whether the MRL apply to your product part. If the MRL do **not** apply to your product part, this section does not apply for your feed material. Proceed with the *Pesticide guide* at item **D**. Example: Limits for grains apply to the grain (and products derived therefrom), not for other parts of the plant (straw, chaff, silage).
- → If the MRL **do** apply for your product part, please proceed to step 2.
- 2. Check whether the pesticide is included in **EU Pesticide Database** 
  - → If the detected pesticide is **not** included in this database? Proceed with the *Pesticide guide* at item **E**.
  - → If the detected pesticide **is** included in this database? Go to step 3.
- 3. Check whether the detected pesticide level in the derived product (the feed material) is smaller or equal to the MRL for the start product.
  - → If this **is** the case, the analysed sample meets the MRL and the associated batch of feed can be processed. The assessment can be completed.
  - → If this is **not** the case, also when measurement uncertainty is taken into account, please go to step 4 on the next page.



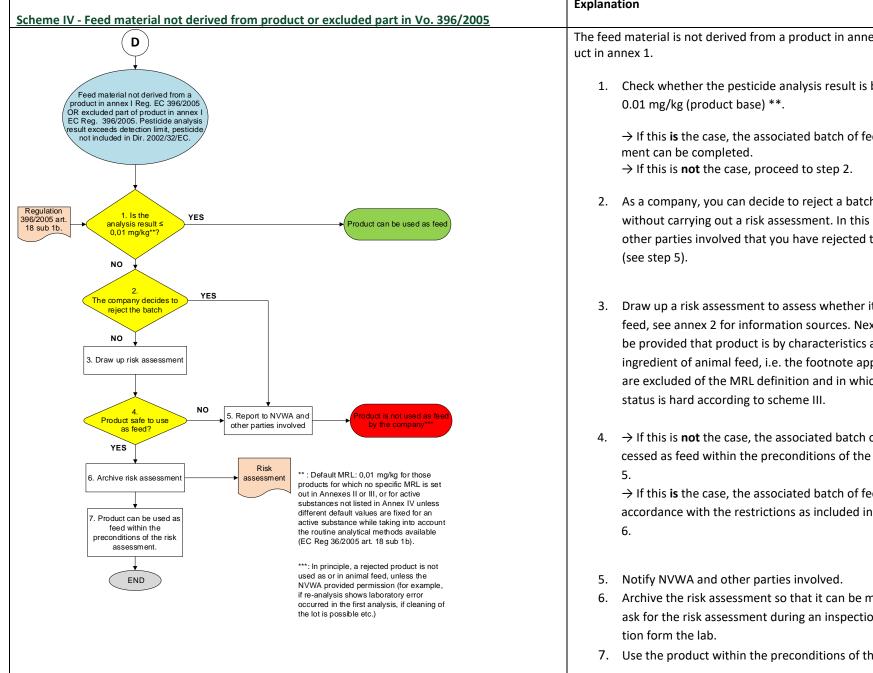
#### Explanation

- 4. Check whether it is possible that the pesticide is concentrated in the feed material derived from the product in Reg. EC 396/2005. This can be the case when:
  - the pesticide is fat-soluble and the feed material contains more fat than the start product
  - the pesticide is water-soluble and the feed material is lower in fat than the start product
  - the feed material is drier than the start product

The concentration of a pesticide in a feed material relative to a start product is expressed with a concentration factor (also known as processing factor or transfer factor).

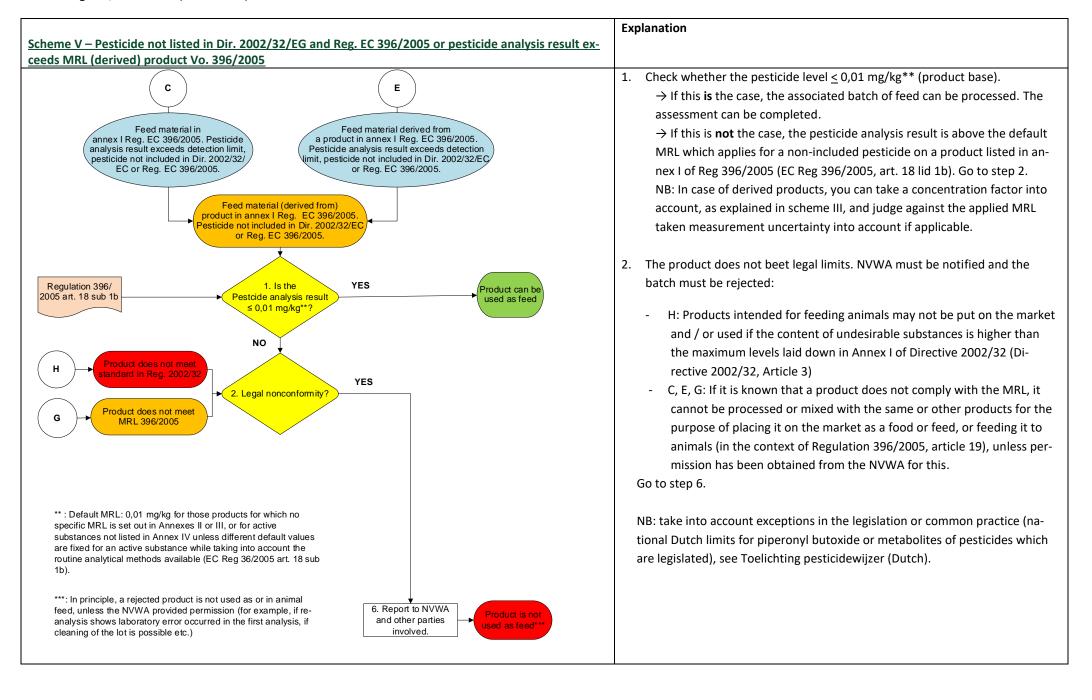
The usual calculation of concentration factors is explained in Annex 1. Sources of published concentration factors are given in Annex 2.

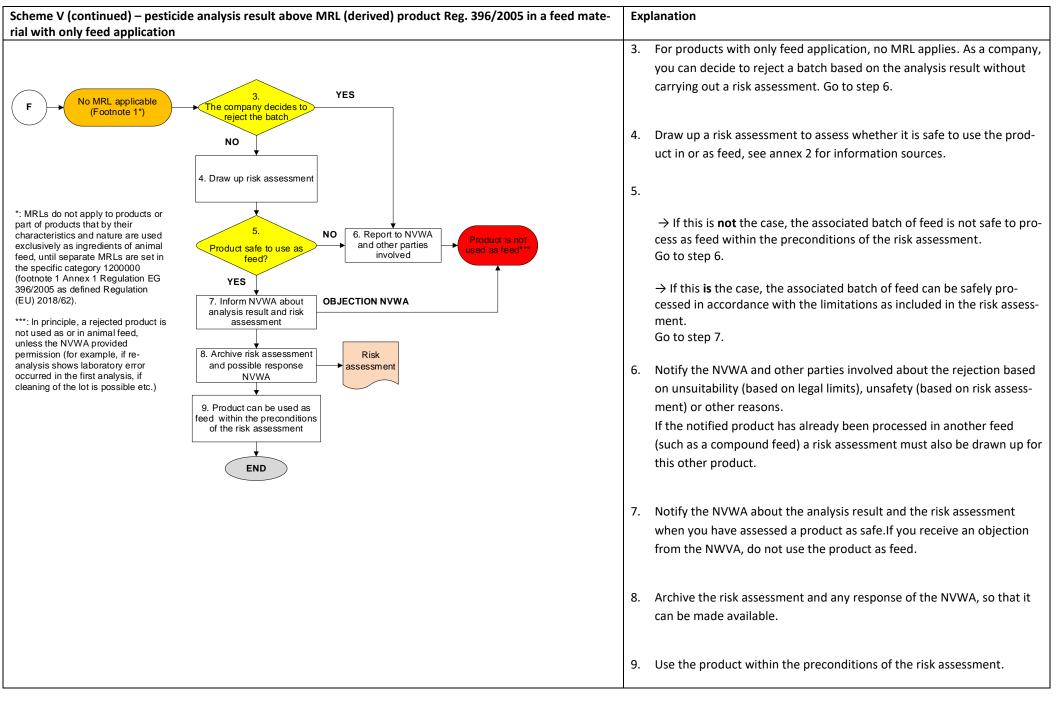
- → If there **are** known concentration factors OR the product is a wet byproduct or dried, proceed to step 5
- → If there are **no** known concentration factors, proceed to step 6
- 5. Check whether the detected pesticide level is less than or equal to the derived MRL (concentration factor \* MRL of start product). If **yes**, the product can be processed and the assessment can be completed. If **not**, also when measurement uncertainty is taken into account, proceed to step 6.
- 6. If there are no known concentration factors, the same MRL applies to derived products (feed material) as to the start product. At that time, it is important to determine whether the feed material also has food applications.
- → If there **are** food applications, the batch does not meet the standard. Proceed with the *Pesticide guide* at item **G**
- → If there are **no** food applications, this section does not apply for your feed material. Proceed with the *Pesticide guide* at item **F**.



The feed material is not derived from a product in annex 1 or is excluded part of a prod-

- 1. Check whether the pesticide analysis result is below the EU default value of
  - → If this is the case, the associated batch of feed can be processed. The assess-
- 2. As a company, you can decide to reject a batch based on the analysis result without carrying out a risk assessment. In this case, you notify the NVWA and other parties involved that you have rejected the batch with the analysis result
- 3. Draw up a risk assessment to assess whether it is safe to use the product as feed, see annex 2 for information sources. Next to that argumentation should be provided that product is by characteristics and nature used exclusively as ingredient of animal feed, i.e. the footnote applies. Judge product parts which are excluded of the MRL definition and in which underpinning the footnote 1
- 4.  $\rightarrow$  If this is **not** the case, the associated batch of feed cannot be safely processed as feed within the preconditions of the risk assessment. Proceed to step
  - → If this **is** the case, the associated batch of feed can be processed safely, in accordance with the restrictions as included in the risk assessment. Go to step
- Archive the risk assessment so that it can be made available. The NVWA can ask for the risk assessment during an inspection of when they receive notifica-
- 7. Use the product within the preconditions of the risk assessment





# Annex 1: Calculations with pesticide analysis results

#### Conversion to 88% DM (EU Dir. 2002/32 pesticides)

This conversion is done for pesticides in Directive 2002/32, because this directive provides pesticide limits based on 88% dry matter.

Pesticide content (88% ds) = 
$$\frac{88}{\% dry matter in product} * pesticide analysis result$$

#### Conversion pesticide analysis result to MRL definition (EU Reg. 396/2005 pesticides)

The MRL definition in Reg 396/2005 can contain active substances as well as metabolites.

Most labs only report detected substances and often according to MRL definition, so that it can be judged against MRLs in legislation.

If not the case, the pesticide analysis result should be converted before comparing against the legislation.

Pesticide analysis result according to MRL definition (expressed as substance A) = Pesticide Analysis Result substance A + Pesticide Analysis Result substance M \* factor M

Your laboratory can perform this conversion for you.

#### **Concentration factors**

Concentration factor based on drying

The MRL in Regulation 396/2005 are on a product basis.

In scheme III, corrections can be made for drying (if not already included in the definition/normal state of the product) by applying a concentration factor.

Concentration factor by drying = 
$$\frac{\% \text{ dry matter in derived product}}{\% \text{ dry matter in product in Reg. EC } 396/2005}$$

## Fat-based concentration factor (fat-soluble pesticide)

In the EU pesticide database (F) is sometimes shown after the name of a pesticide. This means that it is fat-soluble. In scheme III, corrections can be made for fat solubility by applying a concentration factor.

Concentration factor based on fat = 
$$\frac{\% \text{ fat in derived product}}{\% \text{ fat in product in Reg. EC } 396/2005}$$

For more explanation, see the MVO explanation of concentration factors in annex 2

#### Concentration factors according to yield

Pesticide concentration can be higher in derived products than in the raw agricultural commodity, when pesticide is concentrated on the outside, e.g. in case of peelings.

This can be corrected by means of a yield factor.

Concentration factor based on yield = 
$$\frac{1}{yield\ factor} = \frac{kg\ product\ (RAC)}{kg\ derived\ product}$$

Yield factors can be available from branch organisations and/or requested by the producer of derived products.

#### Concentration factors according to measurements of specific pesticides on specific feed materials

EFSA and RIVM published concentration factors for a number of pesticide-product combinations (see annex 2)

$$Concentration \ factor \ pesticide = \frac{pesticide \ residue \ \left(\frac{mg}{kg}\right) in \ derived \ product}{pesticide \ residue \ \left(\frac{mg}{kg}\right) in \ product \ (RAC)}$$

Pesticide-product concentration factor is often not publicly available as many possible combinations of feed material and pesticide can be made.

A company can underpin their product is according to MRL based on private data and/or generic concentration factors in combination with the properties of the pesticide and the product, and provide this argumentation to NVWA to judge.

# **Annex 2: Information sources**

National and international legislation and limits

Naam*	URL*
European feed legislation (via EU)	https://eur-lex.europa.eu/advanced-search-
	form.html?locale=en
Directive on Undesirable Substances in feed,	https://eur-lex.europa.eu/eli/dir/2002/32
Dir. 2002/32/EG	
Regulation setting maximum levels for pesticide residues	https://eur-lex.europa.eu/eli/reg/2005/396
in or on food and feed of vegetable and animal origin,	
Reg. (EC) nr. 396/2005	
Pesticide web, main page	https://food.ec.europa.eu/plants/pesticides/eu-pesti-
	<u>cides-database en</u>
Pesticide web, search page pesticides and products	https://ec.europa.eu/food/plant/pesticides/eu-pesti-
(MRL)	cides-database/start/screen/mrls
Pesticide web, search page products	https://ec.europa.eu/food/plant/pesticides/eu-pesti-
	cides-database/start/screen/products
Pesticide web, search page active substances	https://ec.europa.eu/food/plant/pesticides/eu-pesti-
· -	cides-database/start/screen/active-substances
Regulation (EU) 2018/62 of January 17 <sup>th</sup> 2018 replacing	https://eur-lex.europa.eu/eli/reg/2018/62
Annex I of Regulation (EC) nr. 396/2005	
Regulation EC 178/2002	https://eur-lex.europa.eu/eli/reg/2002/178
(Article 20)	
Dutch law Wet dieren (artikel 5.15)	https://wetten.overheid.nl/BWBR0030250
Dutch law	http://wetten.overheid.nl/BWBR0003658/
Commodities Act Regulation on pesticide residues	Dutch legislation (contains limits for piperonyl butoxide)
Notification guidelines NVWA (Dutch)	https://www.nvwa.nl/onderwerpen/di-
	ervoeder/melden-onveilige-diervoeders
Notification guidelines MRL exceedances in animal feed	https://www.nvwa.nl/onderwerpen/di-
NVWA (Dutch)	ervoeder/melden-onveilige-diervoeders/meldplicht-
•	mrl-overschrijdingen-in-diervoeder
Decision tree MRL exceedances in animal feed NVWA	https://www.nvwa.nl/onderwerpen/diervoeder/docu-
(Dutch)	menten/dier/diervoeder/diervoeder/publicaties/beslis-
	boom-mrl-overschrijding-diervoeder
Definition measurement uncertainty	See Expanded measurement uncertainty in GMP BA11 /
,	TS 4.2
Codex Alimentarius, Codex Pesticides Residues in Food	http://www.fao.org/fao-who-codexalimentarius/codex-
Online Database: main page	texts/dbs/pestres/en/
· -	
Codex Pesticides Residues in Food Online Database:	http://www.fao.org/fao-who-codexalimentarius/codex-
search page pesticides	texts/dbs/pestres/pesticides/en/
Codex Pesticides Residues in Food Online Database:	http://www.fao.org/fao-who-codexalimentarius/codex-
	http://www.fao.org/fao-who-codexalimentarius/codex- texts/dbs/pestres/commodities/en/

Note: always choose the consolidated version of EU legislation, which incorporates all changes that have been made over the years.

# **Published concentration factors**

Naam*	URL*
Concentration	https://mvo.nl/themas/voedsel-diervoederveiligheid (Dutch)
factors vegetable	
fats and oils	MVO notifying requirements on pesticide residues, available at
(MVO): explana-	https://files.enflow.nl/c88ab0bd-554b-4192-a54c-eacc6f5598d4/67812a2b-7ad6-4fb1-9d6d-
tion and factors	2da2cb095b35/downloads/sidebar/mvo-notifying-requirements-on-pesticides-versie-februari-2023-
	<u>final.pdf</u>
EFSA European	https://zenodo.org/record/6827098#.Y Oow3bMKUk
database on pro-	
cessing factors v2	
Processing factors	https://www.rivm.nl/en/chemkap/fruit-and-vegetables/processing-factors
for vegetable	
products RIVM	
(in particular fruit	
and vegetables)	

Sources of dry matter and fat contents (if not known from the sample itself)

Naam*	URL*
Dutch Food Composition	<u>Dutch Food Composition Database   RIVM</u>
Database	For dry matter contents of food
Centraal Veevoedkundig Bu-	http://www.cvbdiervoeding.nl/pagina/10081/downloads.aspx
reau	For dry matter content of feed materials

Risk assessment for consumers

Naam <sup>*</sup>	URL*
Risk assessment for animals	Pesticide Residue Risk Assessment Tool for footnote 1 products
and consumers for footnote	https://graan.com/pesticide-residue-risk-assessment-tool
1 products applied in com-	
pound feed	
(preferred option)	
Risk assessment for the con-	http://www.favv-afsca.be/plantaardigeproductie/gewasbeschermingsmiddelen/#PSTI
sumer when the maximum	Calculation PSTI at bottom (Dutch)
residue limit for pesticides is	
exceeded (MRL)	

# Annex 3: Manual for looking up CMR status pesticide (active ingredient)

#### Why do you want to know if a pesticide is a CMR substance?

When assessing pesticide exceedances of CMR substances, the measurement uncertainty may not be taken into account in the context of the <u>reporting obligation</u>

#### What is a CMR substance in the context of pesticide evaluation?

Active substance of a pesticide classified according to EU Reg. 1272/2008 with at least one of the terms (Muta. 1A, Muta 1B, Carc. 1A, Carc. 1B, Repr. 1A, Repr. 1B). The "Toelichting pesticidewijzer" gives examples of such substances, which are no longer permitted as plant protection products in the EU.

#### How can you look up the CMR status of a pesticide?

This can be done in 2 ways:

- A) Through the legal text
- B) Via EU pesticide database

#### Method A) Through the legal text

The consolidated version (most recent version) can be found at <a href="https://eur-lex.europa.eu/eli/reg/2008/1272">https://eur-lex.europa.eu/eli/reg/2008/1272</a> In the pdf you can search by chemical name or CAS number, for the English version it looks like this:

				Classification		Labelling			►M18 Specific	
Index No	► <u>M18</u> Chemical name ◀	EC No	CAS No	Hazard Class and Category Code(s)	Hazard statement Code(s)	Pictogram, Signal Word Code(s)	Hazard statement Code(s)	Suppl. Hazard statement Code(s)	Conc. Limits, M-factors and ATEs (*) ◀	Notes
)15-131-00-9	isoxathion (ISO); O,O-diethyl O-5-phenylisoxazol- 3-ylphosphorothioate	242-624-8	18854-01-8	Acute Tox. 3 * Acute Tox. 3 * Aquatic Acute 1 Aquatic Chronic 1	H311 H301 H400 H410	GHS06 GHS09 Dgr	H311 H301 H410			
)15-132-00-4	S-(chlorophenylthiomethyl) O,O- dimethylphosphorodithioate; methylearbophenothione		953-17-3	Acute Tox. 3 * Acute Tox. 3 * Aquatic Acute 1 Aquatic Chronic 1	H311 H301 H400 H410	GHS06 GHS09 Dgr	H311 H301 H410		M = 1000	
)15-133-00-X	piperophos (ISO); S-2-methylpiperidinocarbonyl- methyl-O, O-dipropyl phospho- rodithioate	_	24151-93-7	Acute Tox. 4 * Aquatic Acute 1 Aquatic Chronic 1	H302 H400 H410	GHS07 GHS09 Wng	H302 H410		M = 10	
)15-134-00-5	pirimiphos-methyl (ISO); O-[2-(di-ethylamino)-6-methyl- pyrimidin-4-yl] O,O-dimethyl phosphorothioate	249-528-5	29232-93-7	Acute Tox. 4 STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1	H302 H372 (nervous system) H400 H410	GHS07 GHS08 GHS09 Dgr	H302 H372 (nervous system) H410		oral: ATE = 1414 mg/kg bw M = 1000 M = 1000	

Look under Hazard Class for the terms (Muta. 1A, Muta 1B, Carc. 1A, Carc. 1B, Repr. 1A, Repr. 1B) occur. If not, the substance is not a CRM substance for the purposes of the reporting obligation.

Method B) Via EU pesticide database

- 1) Go to the active substances section of the EU pesticide database
- 2) Search for a pesticide by its name (e.g. pirimiphos-methyl here, it looks slightly different)

# Active substances, safeners and synergists (1 matching records)

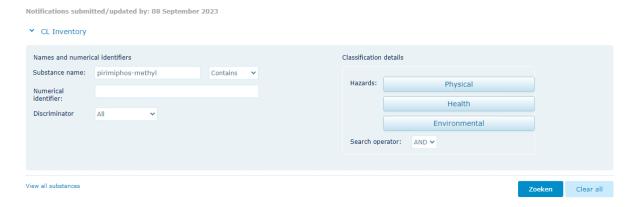


- 3) Click on the name of the pesticide
- 4) Click on the link under classification Reg. 1272/2008

# Classification Reg. 1272/2008

Information on the classification and labelling of the active substance can be found in the C&L Inventory of the European Chemicals Agency (ECHA) <a href="https://echa.europa.eu/information-on-chemicals/cl-inventory-database">https://echa.europa.eu/information-on-chemicals/cl-inventory-database</a>

6) Search by name (search field: Substance name) or by CAS number (search field: Numerical Identifier) of the active substance CL Inventory



7) Look under classification for the terms terms (Muta. 1A, Muta 1B, Carc. 1A, Carc. 1B, Repr. 1A, Repr. 1B) occur. If not, the substance is not a CRM substance for the purposes of the reporting obligation.

## CL Inventory

Searched for: '29232-93-7'

Naam 🌣	EC / List no.	CAS no.	Classification
pirimiphos-methyl (ISO); O-[2- (diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate 015-134-00-5	249-528- 5	29232- 93-7	Acute Tox. 4 STOT RE 1 Aquatic Acute 1 Aquatic Chronic 1