**Template #85-3: Metabolism of residues in crops and in rotational crops *(Version [8.1]-[July 2023])***

The following table gives a detailed description of the type of information prompted for by the data entry fields.

| **Line no.** | **Field name** | **Field type****Display type** | **Picklist****Freetext template** | **Help text** | **Remarks** **Guidance** **Cross-reference** |
| --- | --- | --- | --- | --- | --- |
|  | **Administrative data** | **Header 1** |  |  |  |
|  |  | ConfidentialityDisplay: Basic |  |  |  |
|  | Endpoint | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- metabolism of residues in crops- metabolism of residues in rotational crops- metabolism of residues in crops, other | From the picklist select the relevant endpoint addressed by this study summary. In some cases there is only one endpoint title, which may be entered automatically depending on the software application.If multiple study types are covered by the same data entry form, the specific study type should be selected. If none matches, select the more generic endpoint description '<Generic endpoint>, other' (e.g. Skin irritation / corrosion, other) and give an explanation in the adjacent text field. The generic endpoint title reflects the title of the corresponding OECD Harmonised Template (OHT).Please note: For (Q)SAR studies, if an 'in silico' option does not exist, the generic endpoint title should be selected, normally with no need to fill in the adjacent text field, as '(Q)SAR' needs to be indicated in field 'Type of information' and the model should be described in field 'Justification of non-standard information' or 'Attached justification'. A specific endpoint title may be used, if addressed by the (Q)SAR information, i.e. the model behind has been validated by experimental data addressing this endpoint.Note: For the purpose of OHTs, an 'endpoint' is defined in the rather broad sense as an observable or measurable inherent property of a chemical substance which may be specified by the relevant regulatory framework as 'information requirement' (e.g. Boiling point, Sub-chronic toxicity: oral, Fish early-life stage toxicity). In a narrower sense, the term '(eco)toxicity endpoint' refers to an outcome or effect observed in a study. |  |
|  | Type of information | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- experimental study- experimental study planned- experimental study planned (based on read-across)- (Q)SAR- calculation (if not (Q)SAR)- read-across based on grouping of substances (category approach)- read-across from supporting substance (structural analogue or surrogate)- read-across from similar mixture/product- mixture rules calculation- weight of evidence justification/conclusion- not specified- other: | Select the appropriate type of information, e.g. ' experimental study', ' experimental study planned' or, if alternatives to testing apply, '(Q)SAR', 'read-across ...'. In the case of calculated data, the value 'calculation (if not (Q)SAR)' should only be chosen if the study report does not clearly indicate whether it is based on '(Q)SAR'.If the information is taken from a handbook or review article, select the relevant item, e.g. ‘experimental study’, if this is provided in the information source. Otherwise select ‘not specified’. Please note: In field ‘Reference type’ the option ‘review article or handbook’ should be selected. In general, the option 'not specified' should be selected if the submitter lacks the knowledge of the type of information. The option 'other:' can be used if another than a pre-defined item applies.In the case of read-across, follow the instructions related to the relevant legislation, for instance as to whether the (robust) study summary should be entered in a separate data set defined for the read-across (source) substance and referenced in the target substance dataset.If 'experimental study planned' or 'experimental study planned (based on read-across)' is indicated (in some legislations also defined as 'testing proposal' or 'undertaking of intended submission'), the submitter should include as much information as possible on the planned study in order to support the evaluation of the proposal. Typically, this would include at least the test guideline, information on the test material, the species and the route of administration in the corresponding distinct fields, as appropriate.Consult any programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) on whether specific fields should be completed and/or further details should be attached in field 'Attached background material'. |  |
|  | Adequacy of study | List (picklist)Display: Basic | **Picklist values:**- key study- supporting study- weight of evidence- disregarded due to major methodological deficiencies- other information | Indicate the adequacy of a (robust) study summary in terms of usefulness for hazard/risk assessment purposes depending on the relevant legislation.Note: This field is only applicable (or active) if neither 'waiving of standard information' nor 'experimental study planned' has been selected in field 'Type of information'.Explanation: - key study: In general, a key study is the study that has been identified as most suitable to describe an endpoint from the perspective of quality, completeness and representativity of data. - supporting study: Any other adequate study that is considered supportive for the key study or key studies. - weight of evidence: A record that contributes to a weight of evidence justification for the non-submission of a particular (adequate) study. The weight of evidence justification is normally endpoint-related, i.e. based on all available records included in the weight of evidence evaluation. A short reasoning for why a given record is used in this respect can be provided in field 'Detailed justification / remarks'. - disregarded due to major methodological deficiencies: study that demonstrates a higher concern than the key study/ies, but is not used as key study because of flaws in the methodology or documentation. This phrase should be selected for justifying why a potentially critical result has not been used for the hazard assessment. The lines of argumentation should be provided in field 'Rationale for reliability incl. deficiencies', accompanied by the appropriate reliability score.- other information: any other non-relevant information which does not need to be flagged specifically as 'disregarded due to major methodological deficiencies'.Consult any programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) on how to use this field. | **Guidance for field condition:**Condition: Field active only if 'Type of information' is not 'experimental study planned' and not ‘experimental study planned (based on read-across)’ and field 'Data waiving' is not populated (except for migrated data) |
|  | Robust study summary | Check boxDisplay: Basic |  | Set this flag if relevant for the respective regulatory programme or if otherwise useful as filter for printing or exporting records flagged as 'Robust Study Summary' or in combination with 'Adequacy of study'. Explanation: The term 'Robust Study Summary' is actually used only to describe the technical content of a very detailed summary of an experimental study or of any other relevant information. It is a priori no synonym with the term 'Key study', although a key study should usually be submitted in the form of Robust Study Summary. However, a Robust Summary may also be useful for other adequate studies that are considered supportive of the key study or even for inadequate studies if they can be used for a weight-of-evidence analysis. Also for studies that are flawed, but indicate critical results, Robust Study Summaries highlighting the weaknesses of the studies need to be elaborated. Consult any programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) on how to use this field. |  |
|  | Used for classification | Check boxDisplay: Basic |  | Set this flag if relevant for the respective regulatory programme or if otherwise useful as filter for printing or exporting records flagged as 'Used for classification'.Explanation: In some use cases it may be necessary to indicate those records that are used for the classification of that substance, e.g. according to UN GHS. If not relevant, disregard this field. Consult any programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) on how to use this field. |  |
|  | Used for SDS | Check boxDisplay: Basic |  | Set this flag if relevant for the respective regulatory programme or if otherwise useful as filter for printing or exporting records flagged as 'SDS information'. Explanation: 'SDS' stands for Safety Data Sheet. In some use cases it may be necessary to indicate those records that are used for the compilation of SDS information. If not relevant, disregard this field. Consult any programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) on how to use this field. |  |
|  | Study period: start date | DateDisplay: Basic |  | If applicable indicate the period during which the study was conducted, i.e. start and end date. Note: independent of the study period, the in-life period (i.e. the phase of a study following treatment in which the test system is alive/growing) may have to be specified for some toxicology endpoints. |  |
|  | End date | DateDisplay: Basic |  |  |  |
|  | Remark | Text (255 char.)Display: Basic |  |  |  |
|  | Reliability | List (picklist)Display: Basic | **Picklist values:**- 1 (reliable without restriction)- 2 (reliable with restrictions)- 3 (not reliable)- 4 (not assignable)- other: | Enter an appropriate reliability score, according to Klimisch et al. (1997):1 = reliable without restrictions: “studies or data [...] generated according to generally valid and/or internationally accepted testing guidelines (preferably performed according to GLP) or in which the test parameters documented are based on a specific (national) testing guideline [...] or in which all parameters described are closely related/comparable to a guideline method.”2 = reliable with restrictions: “studies or data [...] (mostly not performed according to GLP), in which the test parameters documented do not totally comply with the specific testing guideline, but are sufficient to accept the data or in which investigations are described which cannot be subsumed under a testing guideline, but which are nevertheless well documented and scientifically acceptable.”3 = not reliable: “studies or data [...] in which there were interferences between the measuring system and the test substance or in which organisms/test systems were used which are not relevant in relation to the exposure (e.g. non-physiological pathways of application) or which were carried out or generated according to a method which is not acceptable, the documentation of which is not sufficient for assessment and which is not convincing for an expert judgment.”4 = not assignable: “studies or data [...] which do not give sufficient experimental details and which are only listed in short abstracts or secondary literature (books, reviews, etc.).”The 'other:' option may be selected if a different scoring system is used. Consult any programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) on how to use this field.Note: This field is only applicable (or active) if neither 'waiving of standard information' nor 'experimental study planned' has been selected in field 'Type of information'.Note: The term reliability defines the inherent quality of a test report or publication relating to preferably standardised methodology and the way the method and results are described. More detailed criteria can be selected in field 'Justification'. |  |
|  | Rationale for reliability incl. deficiencies | List sup. (picklist with remarks - 32,000 char.)Display: Basic | **Picklist values:**- guideline study - [Reliability 1]- comparable to guideline study - [Reliability 1]- test procedure in accordance with national standard methods - [Reliability 1]- test procedure in accordance with generally accepted scientific standards and described in sufficient detail - [Reliability 1]- guideline study without detailed documentation - [Reliability 2]- guideline study with acceptable restrictions - [Reliability 2]- comparable to guideline study with acceptable restrictions - [Reliability 2]- test procedure in accordance with national standard methods with acceptable restrictions - [Reliability 2]- study well documented, meets generally accepted scientific principles, acceptable for assessment - [Reliability 2]- accepted calculation method - [Reliability 2]- data from handbook or collection of data - [Reliability 2]- significant methodological deficiencies - [Reliability 3]- unsuitable test system - [Reliability 3]- abstract - [Reliability 4]- secondary literature - [Reliability 4]- documentation insufficient for assessment - [Reliability 4]- results derived from a valid (Q)SAR model and falling into its applicability domain, with adequate and reliable documentation / justification - [Reliability 1 or 2]- results derived from a valid (Q)SAR model and falling into its applicability domain, with limited documentation / justification - [Reliability 2, 3 or 4]- results derived from a valid (Q)SAR model, but not (completely) falling into its applicability domain, with adequate and reliable documentation / justification - [Reliability 2 or 3]- results derived from a (Q)SAR model, with limited documentation / justification, but validity of model and reliability of prediction considered adequate based on a generally acknowledged source - [Reliability 2 or 3]- results derived from a valid (Q)SAR model, but not (completely) falling into its applicability domain, and documentation / justification is limited - [Reliability 3 or 4]- results derived from a (Q)SAR model, with limited documentation / justification - [Reliability 4]- other: | Select an appropriate standard justification from the picklist, e.g. 'Comparable to guideline study with acceptable restrictions'. Additional explanations (e.g. deficiencies observed) can be entered in the related supplementary text field. Particularly if reliability scores 2 or 3 are assigned, indicate the concrete arguments for defending a study or relevant deficiencies.For QSAR results (i.e. 'Type of information' is '(Q)SAR') some pre-defined phrases are provided for indicating if the prediction results are considered reliable based on the scientifically validity of the (Q)SAR model used, its applicability to the query substance, and the adequacy of reporting. Please note: If (Q)SAR results are flagged as key study in field 'Adequacy of study', the relevance of the model used for the regulatory endpoint should be documented in the field where the (Q)SAR model is described, i.e. 'Justification for type of information', 'Attached justification' or 'Cross-reference'. | **Guidance for field condition:**Condition: Field active only if 'Type of information' is not 'experimental study planned' and not ‘experimental study planned (based on read-across)’.Condition 1: If 'Type of information' is not '(Q)SAR':- guideline study - [Reliability 1]- comparable to guideline study - [Reliability 1]- test procedure in accordance with national standard methods - [Reliability 1]- test procedure in accordance with generally accepted scientific standards and described in sufficient detail - [Reliability 1]- guideline study without detailed documentation - [Reliability 2]- guideline study with acceptable restrictions - [Reliability 2]- comparable to guideline study with acceptable restrictions - [Reliability 2]- test procedure in accordance with national standard methods with acceptable restrictions - [Reliability 2]- study well documented, meets generally accepted scientific principles, acceptable for assessment - [Reliability 2]- accepted calculation method - [Reliability 2]- data from handbook or collection of data - [Reliability 2]- significant methodological deficiencies - [Reliability 3]- unsuitable test system - [Reliability 3]- abstract - [Reliability 4]- secondary literature - [Reliability 4]- documentation insufficient for assessment - [Reliability 4]Condition 2: If 'Type of information' = '(Q)SAR':- results derived from a valid (Q)SAR model and falling into its applicability domain, with adequate and reliable documentation / justification - [Reliability 1 or 2]- results derived from a valid (Q)SAR model and falling into its applicability domain, with limited documentation / justification - [Reliability 2, 3 or 4]- results derived from a valid (Q)SAR model, but not (completely) falling into its applicability domain, with adequate and reliable documentation / justification - [Reliability 2 or 3]- results derived from a (Q)SAR model, with limited documentation / justification, but validity of model and reliability of prediction considered adequate based on a generally acknowledged source - [Reliability 2 or 3]- results derived from a valid (Q)SAR model, but not (completely) falling into its applicability domain, and documentation / justification is limited - [Reliability 3 or 4]- results derived from a (Q)SAR model, with limited documentation / justification - [Reliability 4]- other: |
|  | Data waiving | List (picklist)Display: Basic | **Picklist values:**- study technically not feasible- study scientifically not necessary / other information available- exposure considerations- study waived due to provisions of other regulation- other justification | If appropriate, indicate here that the study has been waived, i.e. not performed. Select the basis from the picklist (e.g. 'study technically not feasible' or 'other justification'). Include a more detailed justification in the field 'Justification for data waiving' and, as needed, in field 'Justification for type of information', 'Attached justification' and/or 'Cross-reference'. Please note: the option 'study scientifically not necessary / other information available' covers cases where it can be justified that performance of a specific study prescribed by the relevant legislation is scientifically not necessary because reliable information is provided in other part(s) of the submission document.The option 'study waived due to provisions of other regulation' can be used for indicating that another, overlapping regulation allows or requires the waiving of a specific information requirement. This should then be detailed in the justification fields.If waiving is based on several lines of argumentation (e.g. ‘exposure considerations’ and ‘study scientifically not necessary / other information available’), create separate records for each.Consult any programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) on how to use data waivers. | **Guidance for field condition:**Condition: Deactivate this field if any of the following fields is populated: 'Type of information', 'Adequacy of study', 'Reliability', 'Rationale for reliability'. |
|  | Justification for data waiving | List multi. (multi-select list with remarks - 32,000 char.)Display: Basic | **Picklist values:**- other: | In addition to the more generic justification selected in the preceding field 'Data waiving', it is highly recommended to provide a detailed justification. To this end you can either select one or multiple specific standard phrase(s) if it/they give an appropriate rationale of the description given in the preceding field 'Data waiving' or 'other:' and enter free text. Additional specific explanations should be provided if the pre-defined phrase(s) do no sufficiently describe the justification.More details can be provided using the following fields:- Text field adjacent to this field 'Justification for data waiving' (available after selecting any picklist item in this field);- Field 'Justification for type of information';- Field 'Attached justification';- Cross-reference (for referencing / linking to a justification or information referred to in the justification which is stored in another record, e.g. a record describing physico-chemical properties information used to support a data waiver)Please note: The pre-defined phrases are not necessarily exhaustive and may not always apply. Consult the guidance documents and waiving options in the relevant regulatory frameworks. If no suitable phrase is available from the picklist, enter a free text justification using the 'other:' option. | **Guidance for field condition:**Condition: Deactivate this field if any of the following fields is populated: 'Type of information', 'Adequacy of study', 'Reliability', 'Rationale for reliability'. |
|  | Justification for type of information | Text templateDisplay: Basic | **Freetext template:Option 1 Type 'Waiving of standard information'**JUSTIFICATION FOR DATA WAIVING[Specific explanation in addition to field 'Justification for data waiving']**Option 2 Type 'Experimental study planned / Testing proposal on vertebrate animals'**TESTING PROPOSAL ON VERTEBRATE ANIMALS[Please provide information for all of the points below. The information should be specific to the endpoint for which testing is proposed. Note that for testing proposals addressing testing on vertebrate animals under the REACH Regulation this document will be published on the ECHA website along with the third party consultation on the testing proposal(s).]NON-CONFIDENTIAL NAME OF SUBSTANCE:- Name of the substance on which testing is proposed to be carried out- Name of the substance for which the testing proposal will be used [if different from tested substance]CONSIDERATIONS THAT THE GENERAL ADAPTATION POSSIBILITIES OF ANNEX XI OF THE REACH REGULATION ARE NOT ADEQUATE TO GENERATE THE NECESSARY INFORMATION [please address all points below]:- Available GLP studies- Available non-GLP studies- Historical human/control data- (Q)SAR- In vitro methods- Weight of evidence- Grouping and read-across- Substance-tailored exposure driven testing [if applicable]- Approaches in addition to above [if applicable]- Other reasons [if applicable]CONSIDERATIONS THAT THE SPECIFIC ADAPTATION POSSIBILITIES OF ANNEXES VI TO X (AND COLUMN 2 THEREOF) OF THE REACH REGULATION ARE NOT ADEQUATE TO GENERATE THE NECESSARY INFORMATION:- [free text]FURTHER INFORMATION ON TESTING PROPOSAL IN ADDITION TO INFORMATION PROVIDED IN THE MATERIALS AND METHODS SECTION:- Details on study design / methodology proposed [if relevant]**Option 3 Type 'QSAR prediction'**1. SOFTWARE2. MODEL (incl. version number)3. SMILES OR OTHER IDENTIFIERS USED AS INPUT FOR THE MODEL4. SCIENTIFIC VALIDITY OF THE (Q)SAR MODEL[[Explain how the model fulfils the OECD principles for (Q)SAR model validation. Consider attaching the QMRF and/or QPRF or providing a link]- Defined endpoint:- Unambiguous algorithm:- Defined domain of applicability:- Appropriate measures of goodness-of-fit and robustness and predictivity:- Mechanistic interpretation:5. APPLICABILITY DOMAIN[Explain how the substance falls within the applicability domain of the model]- Descriptor domain:- Structural domain:- Mechanistic domain:- Similarity with analogues in the training set:- Other considerations (as appropriate):6. ADEQUACY OF THE RESULT[Explain how the prediction fits the purpose of classification and labelling and/or risk assessment]**Option 4 Type 'Read-across (analogue)'**REPORTING FORMAT FOR THE ANALOGUE APPROACH[Please provide information for all of the points below. Indicate if further information is included as attachment to the same record, or elsewhere in the dataset (insert links in 'Cross-reference' table)]1. HYPOTHESIS FOR THE ANALOGUE APPROACH[Describe why the read-across can be performed (e.g. common functional group(s), common precursor(s)/breakdown product(s) or common mechanism(s) of action]2. SOURCE AND TARGET CHEMICAL(S) (INCLUDING INFORMATION ON PURITY AND IMPURITIES)[Provide here, if relevant, additional information to that included in the Test material section of the source and target records]3. ANALOGUE APPROACH JUSTIFICATION[Summarise here based on available experimental data how these results verify that the read-across is justified]4. DATA MATRIX**Option 5 Type 'Read-across (category)'**REPORTING FORMAT FOR THE CATEGORY APPROACH[Please provide information for all of the points below addressing endpoint-specific elements that were not already covered by the overall category approach justification made available at the category level. Indicate if further information is included as attachment to the same record, or elsewhere in the dataset (insert links in 'Cross-reference' table)]1. HYPOTHESIS FOR THE CATEGORY APPROACH (ENDPOINT LEVEL)[Describe why the read-across can be performed]2. CATEGORY APPROACH JUSTIFICATION (ENDPOINT LEVEL[Summarise here based on available experimental data how these results verify that the read-across is justified]**Option 6 Type 'Weight of Evidence justification'**JUSTIFICATION FOR WEIGHT OF EVIDENCE- Relevance (including coverage) and reliability of each source of information compared with the study normally required for the information requirement.- Weighing of the sources of information (including overall coverage) to reach an overall conclusion for the information requirement.- Assessment of the uncertainty in the conclusion compared with the study normally required for the information requirement. | This field can be used for entering free text. As appropriate, one of the freetext templates can be selected (e.g. Justification for read-across (analogue)) to use pre-defined headers and bulleted elements. Delete/add elements as appropriate.Consult any programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) on what should be taken into account when providing justifications or whether specific reporting formats should be used.Explanations:Option 1: Type 'Waiving of standard information':This field should be used for entering any further lines of argumentation, if necessary, in addition to those provided in the field 'Justification for data waiving'.Option 2: Type 'Experimental study planned / Testing proposal':Further details can be entered here on the study design / methodology proposed in addition to details given in the distinct fields on test guideline, test material, species, route of administration and other relevant fields.Option 3: Type 'QSAR prediction':For describing a (Q)SAR model it is recommended to provide the QMRF as attachment instead of using the free text template.The QSAR Model Reporting Format (QMRF) is a harmonised template for summarising and reporting key information on QSAR models, including the results of any validation studies. The information is structured according to the OECD validation principles and can be compiled using the QMRF editor application.The JRC QSAR Model Database is intended to help to identify valid (Q)SARs (e.g. for the purpose of REACH). It provides information on the validity of QSAR models and can be browsed for published QMRFs.Based on this freetext template details on the QSAR model used can be given, in addition to the information provided in field 'Principles of method if other than guideline'.Please note: Any information that can be re-used for several study summaries can be entered once and then assigned to the relevant studies using either the 'Attached justification' or 'Cross-reference' feature.Option 4: Type 'Read-across (analogue)' and Option 5: Type 'Read-across (category)'This freetext template can be used and modified as appropriate for providing a justification for read-across, particularly if it is endpoint-specific.Please note: Any information that can be re-used for several study summaries can be entered once and then assigned to the relevant studies using either the 'Attached justification' or 'Cross-reference' feature. |  |
|  | **Attached justification** | **Block of fields (repeatable) Start** |  | The Attached justification feature can be used in case the justification is best provided in form of attached document(s).Copy this block of fields for attaching more than one file.Refer to the relevant legislation-specific guidance document as to the recommended use of the Attached justification feature. |  |
|  | Attached justification | Attachment (single)Display: Basic |  | Upload file by clicking the upload icon. |  |
|  | Reason / purpose | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- data waiving: supporting information- exposure-related information- read-across: supporting information- (Q)SAR model reporting (QMRF)- (Q)SAR prediction reporting (QPRF)- (Q)SAR model and prediction reporting (QMRF/QPRF)- (Q)SAR: supporting information- weight of evidence: supporting information- justification, other: | Indicate the reason for / purpose of the attached document. Select the relevant item from the picklist or, if none applies, select 'justification, other:' and specify. |  |
|  | **Attached justification** | **Block of fields (repeatable) End** |  |  |  |
|  | **Cross-reference** | **Block of fields (repeatable) Start** |  | The cross-reference feature can be used to refer to related information that is provided in another record of the dataset. This can be done either by entering just free text in the 'Remarks' field or by creating a link to the relevant record. The field 'Reason / purpose' allows for selecting a standard reason from the picklist and optionally to add free text explanation in the related supplementary text field.Refer to the relevant legislation-specific guidance document as to the recommended use of cross-references. |  |
|  | Reason / purpose for cross-reference | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- adverse outcome pathway (AOP)- assessment report- data waiving: supporting information- defined approach- exposure-related information- method used in study- read-across source- (Q)SAR model reporting (QMRF)- read-across: supporting information- reference to other assay used for intermediate effect derivation- reference to other study- reference to same study- weight of evidence source- other: | Select the appropriate reason of the cross-reference, i.e.- adverse outcome pathway (AOP) (in case the information is related to a key event that is part of an AOP). Consult the AOP wiki at: https://aopwiki.org) and provide the reference in the remarks field- assessment report (for referring to a record that contains an assessment report as attachment)- data waiving: supporting information (for referring to a record containing relevant endpoint information that is used to justify a data waiver)- defined approach for combining with results from another methods (in vitro, in chimico, in silico) - exposure-related information (for referring to a record containing exposure-related information that is used for instance to justify a data waiver)- read-across source (for linking to another study summary used for read-across. This can be useful in cases where results are derived from one or several read-across sources and recorded in a separate (target) study summary.)- read-across supporting information (for linking to another record which contains read-across justification that applies also for the current study summary)- (Q)SAR model reporting (QMRF) (for referring to a record containing the relevant model description. Note: The (Q)SAR prediction should be reported specifically for each endpoint in the field 'Justification for type of information'.)- reference to other assay used for intermediate effect derivation (for optional indication in a study summarising 'intermediate effects' if reference is made to the outcome of another assay)- reference to same study (e.g. if different species were tested and the results recorded in different records), - reference to other study (e.g. if another study is considered relevant in the interpretation of the test results), - other: (to be specified). |  |
|  | Related information | Link to endpoint (single)Display: Basic |  | As appropriate, select the record containing the related information, thus creating a link. | **Cross-reference:**AllSummariesAndRecords |
|  | Remarks | Text (32,768 char.)Display: Basic |  | This field can be used for including any remarks. |  |
|  | **Cross-reference** | **Block of fields (repeatable) End** |  |  |  |
|  | **Data source** | **Header 1** |  |  |  |
|  | Reference | Link to lit. reference (multiple)Display: Basic |  | Indicate the bibliographic reference of the study report or publication the study summary is based on. Provide general information such as Title, Author, Year, Bibliographic source, Testing Facility, Report Number, Study number, Report date etc., as requested in the core template for literature search (https://www.oecd.org/ehs/templates/Generic%20elements%20for%20all%20OHTs.zip). Always enter the primary reference in the first block of fields or sort it to the first position, if there are more than one reference to be cited. Copy this block of fields for specifying any other references related to this record (e.g. report of a preliminary study or other documentation). If results of a study report have been published, indicate the full citation of that publication(s) in addition to the reference of the original study. |  |
|  | Data access | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- data submitter is data owner- data submitter has Letter of Access- data no longer protected- data published- data submitter has permission to refer- not applicable- other: | Select appropriate indication for data access. Enter 'Not applicable' if the summary consists of information that is commonly accessible such as guidance on safe use.Select 'data submitter has permission to refer' if the information requirement can be covered based on a permission to refer to old data as issued by the relevant regulatory agency. In addition, provide, in the adjacent free-text field, the statement according to instructions you received from the relevant regulatory authority together with the permission to refer. |  |
|  | Data protection claimed | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- yes- yes, but willing to share- yes, but not willing to share | Indicate as appropriate. Note: 'yes' should be selected only if 'Data submitter is data owner' or 'Data submitter has Letter of Access'. Options 'yes, but willing to share' or 'yes, but not willing to share' may be relevant for specific regulatory programmes where the submitter is requested to indicate whether he is willing to share studies conducted (e.g. with vertebrates).In the supplementary remarks field, include an explanation as appropriate, i.e. justification for denial of sharing the corresponding study or refer to a document attached that provides justification (e.g. 'for justification see attached document X') |  |
|  | **Materials and methods** | **Header 1** |  |  |  |
|  | Background information | Text (rich-text area)Display: Basic |  | Use this field to include any background information, if required, or any relevant introductory remarks on the study summary. Leave field empty if not applicable. Do not include information for which specific fields are provided. For instance, include any background information on the test substance in fields on 'Test materials'. |  |
|  | Product type | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- acaricide crop protection - [pesticides]- animal direct treatment ectoparasite control - [pesticides]- animal premise treatment - [pesticides]- bactericide - [pesticides]- fungicide - [pesticides]- herbicide - [pesticides]- insecticide - [pesticides]- molluscicide - [pesticides]- nematicide - [pesticides]- plant growth regulator - [pesticides]- repellent - [pesticides]- rodenticide - [pesticides]- semio-chemical - [pesticides]- talpicide - [pesticides]- viricide - [pesticides]- PT01: Human hygiene - [biocides]- PT02: Disinfectants and algaecides not intended for direct application to humans or animals - [biocides]- PT03: Veterinary hygiene - [biocides]- PT04: Food and feed area - [biocides]- PT05: Drinking water - [biocides]- PT06: Preservatives for products during storage - [biocides]- PT07: Film preservatives - [biocides]- PT08: Wood preservatives - [biocides]- PT09: Fibre, leather, rubber and polymerised materials preservatives - [biocides]- PT10: Construction material preservatives - [biocides]- PT11: Preservatives for liquid-cooling and processing systems - [biocides]- PT12: Slimicides - [biocides]- PT13: Working or cutting fluid preservatives - [biocides]- PT14: Rodenticides - [biocides]- PT15: Avicides - [biocides]- PT16: Molluscicides, vermicides and products to control other invertebrates - [biocides]- PT17: Piscicides - [biocides]- PT18: Insecticides, acaricides and products to control other arthropods - [biocides]- PT19: Repellents and attractants - [biocides]- PT20: Control of other vertebrates - [biocides]- PT21: Antifouling products - [biocides]- PT22: Embalming and taxidermist fluids - [biocides]- other: | Indicate the product type addressed by the information entered in this record. Leave field empty if not applicable. |  |
|  | **Test guideline** | **Block of fields (repeatable) Start** |  | Indicate according to which test guideline the study was conducted. If no test guideline was explicitly followed, but the methodology used is equivalent or similar to a specific guideline, you can indicate so in the 'Qualifier' subfield preceding the field 'Guideline'.Copy this block of fields for specifying more than one guideline (e.g. US EPA in addition to OECD guideline). |  |
|  | Qualifier | List (picklist)Display: Basic | **Picklist values:**- according to guideline- equivalent or similar to guideline- no guideline followed- no guideline available- no guideline required | Select appropriate qualifier, i.e.- 'according to guideline' (if a given test guideline was followed);- 'equivalent or similar to guideline' (if no test guideline was explicitly followed, but the methodology is equivalent or similar to a specific guideline);- 'no guideline followed' (if none of above qualifiers apply. If so, fill in field 'Principles of method if other than guideline');- 'no guideline available' (if so, fill in field 'Principles of method if other than guideline').- 'no guideline required' (if so, fill in field 'Principles of method if other than guideline'). |  |
|  | Guideline | List (picklist)Display: Basic | **Picklist values:**- OECD Guideline 501 (Metabolism in Crops)- OECD Guideline 502 (Metabolism in Rotational Crops)- EPA OCSPP 860.1300 (Nature of the Residue - Plants, Livestock)- EPA OCSPP 860.1850 (Confined Accumulation in Rotational Crops)- PMRA Regulatory Directive Dir 98-02 - Residue Chemistry Guidelines, Section 2 - Nature of the Residue - Plants, Livestock- PMRA Regulatory Directive Dir 98-02 - Residue Chemistry Guidelines, Section 13 - Confined Accumulation in Rotational Crops- other: | Select the applicable test guideline, e.g. 'OECD Guideline xxx'. If the test guideline used is not listed, choose 'other:' and specify the test guideline in the related text field. Information on the version and date of the guideline used and/or any other specifics can be entered in the next field 'Version / remarks'.If no test guideline can be specified, this should be indicated in the preceding field 'Qualifier'. The method used should then be shortly described in the field 'Principles of method if other than guideline', while details can be given in other distinct fields.Please note: Test guidelines used for the validation of (Q)SAR models should be reported in the description of the relevant model in field 'Justification for type of information' or 'Attached justification'. | **Guidance for field condition:**Condition: Field active only if 'Qualifier' is not 'no guideline ...'**Guidance for data migration:**The field 'Draft / update' matches field 'Version / remarks'.Deactivate the expired OECD Guideline Draft |
|  | Version / remarks | Text (2,000 char.)Display: Basic |  | In this text field, you can enter any remarks as applicable, particularly:- To include any other title of the test guideline draft used, a subtitle, another version or update number and the year of update (For instance, different titles and/or numbers may exist for a given EU test guideline);- To indicate if the study was performed prior to the adoption of the test guideline specified;- To indicate if the methodology used was based on an extension of the test guideline specified;- To indicate what protocol was followed for methods that allow the optional determination of more than one parameter if this cannot be indicated in a distinct field of the Materials and methods section. | **Guidance for field condition:**Condition: Field active only if 'Qualifier' is not 'no guideline ...' |
|  | Deviations | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- yes- no- not applicable- not specified | In case a test guideline or other standardised method was used, indicate if there are any deviations. Briefly state relevant deviations in the supplementary remarks field (e.g. 'other test system used', 'different exposure duration'); details should be described in the respective fields of the section MATERIALS AND METHODS. | **Guidance for field condition:**Condition: Field active only if 'Qualifier' is not 'no guideline ...' |
|  | **Test guideline** | **Block of fields (repeatable) End** |  |  |  |
|  | Principles of method if other than guideline | Text templateDisplay: Basic | **Freetext template:Option 1 Method of non-guideline study**- Principle of test:- Short description of test conditions:- Parameters analysed / observed:**Option 2 (Q)SAR**- Software tool(s) used including version:- Model(s) used:- Model description: see field 'Justification for non-standard information', 'Attached justification' and/or 'Cross-reference'- Justification of QSAR prediction: see field 'Justification for type of information', 'Attached justification' and/or 'Cross-reference' | If no guideline was followed, include a description of the principles of the test protocol or estimated method used in the study. As appropriate use either of the pre-defined freetext template options for 'Method of non-guideline study' or '(Q)SAR'. Delete / add elements and edit text set in square brackets [...] as appropriate.For a non-guideline experimental study a high-level freetext template can be used for summarising the principle of test, test conditions and parameters analysed / observed. If the freetext template for (Q)SAR is selected, indicate the QSAR model(s) or platform including version and the software tool(s) used. Detailed justification of the model and prediction should be provided in field(s) 'Justification for type of information', 'Attached justification' and/or 'Cross-reference' as appropriate.Details should be entered in appropriate distinct fields of section MATERIALS AND METHODS if available. Also provide a justification for using this method if appropriate. |  |
|  | GLP compliance | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- yes (incl. QA statement)- yes- no- not specified | Indicate whether the study was conducted following Good Laboratory Practice or not. In case 'yes’ is selected, a Quality Assurance (QA) statement must be provided with the report. You can give an explanation in the supplementary remarks field, e.g. for explaining why GLP was not complied with or for specifying which (national) GLP was followed. |  |
|  | **Test material** | **Header 2** |  |  |  |
|  | Test material information | Link to entity (single)Display: Basic |  | Select the appropriate Test Material Information (TMI) record. If not available in the repository, create a new one. You may also copy (clone) an existing TMI record, edit it and store it as new TMI.To change the link to an existing TMI, click the Delete button, then the Link button and proceed as described above.Depending on the purpose of the reporting or data submission, the information that must be provided may change. As a minimum, the chemical name, identifier and/or CAS number and molecular weight must be provided. | **Cross-reference:**TEST\_MATERIAL\_INFORMATION |
|  | Additional test material information | Link to entity (multiple)Display: Basic |  | Select additional Test material information record if relevant. For example, in longer terms studies more than one batch of test material can be needed or there may be differences between the labelled and unlabelled test materials. | **Cross-reference:**TEST\_MATERIAL\_INFORMATION |
|  | Specific details on test material used for the study | Text templateDisplay: Basic | **Freetext template:**SOURCE OF TEST MATERIAL- Source (i.e. manufacturer or supplier) and lot/batch number of test material:- Purity, including information on contaminants, isomers, etc.:RADIOLABELLING INFORMATION (if applicable)- Radiochemical purity:- Specific activity:- Locations of the label:- Expiration date of radiochemical substance:STABILITY AND STORAGE CONDITIONS OF TEST MATERIAL- Storage condition of test material:- Stability and homogeneity of the test material in the vehicle/solvent under test conditions (e.g. in the exposure medium) and during storage:- Stability in the medium, i.e. sensitivity of the test material to hydrolysis and/or photolysis:- Solubility and stability of the test material in the solvent/vehicle and the exposure medium:- Reactivity of the test material with the incubation material used (e.g. plastic ware):TREATMENT OF TEST MATERIAL PRIOR TO TESTING- Treatment of test material prior to testing (e.g. warming, grinding):- Preliminary purification step (if any):- Final concentration of a dissolved solid, stock liquid or gel:- Final preparation of a solid (e.g. stock crystals ground to fine powder using a mortar and pestle):FORM AS APPLIED IN THE TEST (if different from that of starting material)- Specify the relevant form characteristics if different from those in the starting material, such as state of aggregation, shape of particles or particle size distribution:INFORMATION ON NANOMATERIALS- Chemical Composition:- Density:- Particle size & distribution:- Specific surface area:- Isoelectric point:- Dissolution (rate):TYPE OF BIOCIDE/PESTICIDE FORMULATION (if applicable)- Description of the formulation, e.g. formulated product for foliar application; formulated product soil application; solution in organic solvent for soil application; formulated product seed treatment; solution in organic solvent seed treatment:OTHER SPECIFICS- Other relevant information needed for characterising the tested material, e.g. if radiolabelled, adjustment of pH, osmolality and precipitate in the culture medium to which the test chemical is added: | Use this field for reporting specific details on the test material as used for the study if they differ from the starting material specified under 'Test material information'. This can include information on the pre-defined items, but not all or additional ones may be relevant.Use freetext template and delete/add elements as appropriate. Enter any details that could be relevant for evaluating this study summary or that are requested by the respective regulatory programme. Consult the programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) thereof.If applicable, relevant available information on the following items should be given:SOURCE OF TEST MATERIAL- Source and lot/batch No. of test material- Expiration date of the lot/batch- Purity test date: provide if availableRADIOLABELLING INFORMATION- Radiochemical purity- Specific activity- Locations of the label- Expiration date of radiochemical substanceSTABILITY AND STORAGE CONDITIONS OF TEST MATERIAL- Storage condition of test material- Stability under test conditions- Solubility and stability of the test substance in the solvent/vehicle- Reactivity of the test substance with the solvent/vehicle or the cell culture mediumTREATMENT OF TEST MATERIAL PRIOR TO TESTING- Treatment of test material prior to testing (e.g. warming, grinding)- Preliminary purification step- Final dilution of a soluble solid, stock liquid, or gel (e.g., neat liquid, stock diluted liquid, or dissolved solid) to final concentration and the solvent(s) used- Final preparation of a solid (e.g. stock crystals ground to fine powder using a mortar and pestle)FORM AS APPLIED IN THE TEST (if different from that of starting material)Specify the relevant form characteristics if different from those in the starting material, such as state of aggregation, shape of particles or particle size distribution.FORMULATED PRODUCT (for biocides/pesticides)Description of the formulation, e.g. formulated product for foliar application; formulated product soil application; solution in organic solvent for soil application: formulated product seed treatment; solution in organic solvent seed treatment.OTHER SPECIFICSProvide any other relevant information needed for characterising the tested material. |  |
|  | Specific details on test material used for the study (confidential) | Text templateDisplay: Basic (Confidential) | **Freetext template:**SOURCE OF TEST MATERIAL- Source (i.e. manufacturer or supplier) and lot/batch number of test material:- Purity, including information on contaminants, isomers, etc.:RADIOLABELLING INFORMATION (if applicable)- Radiochemical purity:- Specific activity:- Locations of the label:- Expiration date of radiochemical substance:STABILITY AND STORAGE CONDITIONS OF TEST MATERIAL- Storage condition of test material:- Stability and homogeneity of the test material in the vehicle/solvent under test conditions (e.g. in the exposure medium) and during storage:- Stability in the medium, i.e. sensitivity of the test material to hydrolysis and/or photolysis:- Solubility and stability of the test material in the solvent/vehicle and the exposure medium:- Reactivity of the test material with the incubation material used (e.g. plastic ware):TREATMENT OF TEST MATERIAL PRIOR TO TESTING- Treatment of test material prior to testing (e.g. warming, grinding):- Preliminary purification step (if any):- Final concentration of a dissolved solid, stock liquid or gel:- Final preparation of a solid (e.g. stock crystals ground to fine powder using a mortar and pestle):FORM AS APPLIED IN THE TEST (if different from that of starting material)- Specify the relevant form characteristics if different from those in the starting material, such as state of aggregation, shape of particles or particle size distribution:INFORMATION ON NANOMATERIALS- Chemical Composition:- Density:- Particle size & distribution:- Specific surface area:- Isoelectric point:- Dissolution (rate):TYPE OF BIOCIDE/PESTICIDE FORMULATION (if applicable)- Description of the formulation, e.g. formulated product for foliar application; formulated product soil application; solution in organic solvent for soil application; formulated product seed treatment; solution in organic solvent seed treatment:OTHER SPECIFICS- Other relevant information needed for characterising the tested material, e.g. if radiolabelled, adjustment of pH, osmolality and precipitate in the culture medium to which the test chemical is added: | Use this field for reporting specific details on the test material as used for the study if they differ from the starting material specified under 'Test material information'. This can include information on the pre-defined items, but not all or additional ones may be relevant.Use freetext template and delete/add elements as appropriate. Enter any details that could be relevant for evaluating this study summary or that are requested by the respective regulatory programme. Consult the programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) thereof.If applicable, relevant available information on the following items should be given:SOURCE OF TEST MATERIAL- Source and lot/batch No. of test material- Expiration date of the lot/batch- Purity test date: provide if availableRADIOLABELLING INFORMATION- Radiochemical purity- Specific activity- Locations of the label- Expiration date of radiochemical substanceSTABILITY AND STORAGE CONDITIONS OF TEST MATERIAL- Storage condition of test material- Stability under test conditions- Solubility and stability of the test substance in the solvent/vehicle- Reactivity of the test substance with the solvent/vehicle or the cell culture mediumTREATMENT OF TEST MATERIAL PRIOR TO TESTING- Treatment of test material prior to testing (e.g. warming, grinding)- Preliminary purification step- Final dilution of a soluble solid, stock liquid, or gel (e.g., neat liquid, stock diluted liquid, or dissolved solid) to final concentration and the solvent(s) used- Final preparation of a solid (e.g. stock crystals ground to fine powder using a mortar and pestle)FORM AS APPLIED IN THE TEST (if different from that of starting material)Specify the relevant form characteristics if different from those in the starting material, such as state of aggregation, shape of particles or particle size distribution.FORMULATED PRODUCT (for biocides/pesticides)Description of the formulation, e.g. formulated product for foliar application; formulated product soil application; solution in organic solvent for soil application: formulated product seed treatment; solution in organic solvent seed treatment.OTHER SPECIFICSProvide any other relevant information needed for characterising the tested material. |  |
|  | Radiolabelling | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- yes- no- other:- not specified | Indicate if labelled or non-labelled test material was used. Details on labelled material to be described in field 'Details on test material'. |  |
|  | **Radiolabelled test material** | **Block of fields (repeatable) Start** |  |  |  |
|  | Radiolabel no. | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- radiolabelled #1- radiolabelled #2- radiolabelled #3- radiolabelled #4- radiolabelled #5- radiolabelled #6- radiolabelled #7- radiolabelled #8- radiolabelled #9- radiolabelled #10 | Enter consecutive numbering of radiolabelled test materials if there is more than one. |  |
|  | SMILES notation | Text (2,000 char.)Display: Basic |  | Specify the SMILES notation of the test material showing the position of the radiolabel(s). |  |
|  | Radiochemical purity (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Enter the numeric value or range of values for the percentage of radiochemical purity.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Specific activity as received | Numeric range (decimal with picklist)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca.**Picklist values:**- pCi/g- nCi/g- µCi/g- mCi/g- Ci/g- µCi/mmol- mBq/mmol- kBq/mmol- MBq/mmol- GBq/mmol- mBq/g- kBq/g- MBq/g- GBq/g- Bq/g- MBq/mg- other: | Enter the numeric value or range of specific activity as received including unit.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Specific activity of dose | Numeric range (decimal with picklist)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca.**Picklist values:**- pCi/g- nCi/g- µCi/g- mCi/g- Ci/g- µCi/mmol- mBq/mmol- kBq/mmol- MBq/mmol- GBq/mmol- mBq/g- kBq/g- MBq/g- GBq/g- Bq/g- MBq/mg- other: | Enter the numeric value or range of specific activity of dose including unit.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Remarks | Text (255 char.)Display: Basic |  | Enter any remarks. |  |
|  | **Radiolabelled test material** | **Block of fields (repeatable) End** |  |  |  |
|  | **Crop information** | **Header 2** |  |  |  |
|  | **Test crops** | **Block of fields (repeatable) Start** |  |  |  |
|  | Test crop no. | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- #1- #2- #3- #4- #5- #6- #7- #8- #9- #10- #11- #12- #13- #14- #15- #16- #17- #18- #19- #20 | Assign consecutive numbers to each set of test crops. This allows allocating the details given in the appendix "Treatment groups". |  |
|  | Type of rotational crop | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- primary- rotational- other: | For crop rotation studies indicate whether the crop information entered in this field block refers to the primary crop or the rotational crop. | **Guidance for field condition:**Condition: Field active only if 'metabolism of residues in rotational crops' is selected in field 'Endpoint'. |
|  | Crop | Text (255 char.)Display: Basic |  | Enter the EPPO name of crop, see EPPO Plant Protection Thesaurus. |  |
|  | Crop code | Text (255 char.)Display: Basic |  | Enter the EPPO Code, see EPPO Plant Protection Thesaurus. |  |
|  | Crop variety | Text (255 char.)Display: Basic |  | Specify the crop variety used in the study |  |
|  | Scientific name | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- other: |  |  |
|  | Crop group | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- cereals- fruit: berries and small fruit- fruit: citrus fruit- fruit: miscellaneous- fruit: pomefruit- fruit: stonefruit- fruit: treenuts- grass and forage crops- hops- oilseeds- potatoes- pulses- tea- tobacco- vegetables: brassica vegetables- vegetables: bulb vegetables- vegetables: fruiting vegetables- vegetables: fungi- vegetables: leaf vegetables and fresh herbs- vegetables: legume vegetables- vegetables: root and tuber vegetables- vegetables: stem vegetables- other fruit:- other vegetables:- other: | Select the crop group from drop-down list. If not listed, select 'other fruit:', 'other vegetables:' or 'other:' and specify. |  |
|  | Growth stage at application | Text (255 char.)Display: Basic |  | Specify the growth stage at application. |  |
|  | Growth stage at harvest | Text (255 char.)Display: Basic |  | Specify the growth stage at harvest. |  |
|  | Harvested commodities | Text (255 char.)Display: Basic |  | Specify the harvested commodities. |  |
|  | Harvested procedure | Text (255 char.)Display: Basic |  | Specify the harvested procedure. |  |
|  | **Test crops** | **Block of fields (repeatable) End** |  |  |  |
|  | Other details on test crops | Text templateDisplay: Basic | **Freetext template:**- Plant back interval (if applicable): - Growth stage at application (incl. code):  - Growth stage at harvest (incl. code):  - Harvested agricultural commodity (RAC):  - Harvesting procedure: | Include details on test crops. Use freetext template and delete/add elements as appropriate, or upload predefined table(s), if any, in rich text field 'Any other information on materials and methods incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1'). The following information should be addressed if not given in block 'Test crops': growth stage at application (incl. code and type of thesaurus, e.g. EPPO or BBCH code), plant back interval (if crop rotation study), growth stage at harvest (incl. code and type of thesaurus, e.g. EPPO or BBCH code), harvested agricultural commodity (RAC), harvesting procedure, any other relevant information. |  |
|  | **Test site and soil properties** | **Header 2** |  |  |  |
|  | Test site type | List (picklist)Display: Basic | **Picklist values:**- indoor (greenhouse)- outdoor field sites- post-harvest treatments- other: | Select the type of test site or test facility where the crops were grown, normally 'greenhouse', 'growth chamber' or 'outdoor test plots' for crop study or 'field sites' for crop rotation study. If not listed, select' other:' and specify. |  |
|  | **Soil properties** | **Block of fields (repeatable) Start** |  |  |  |
|  | Soil type no. | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- #1- #2- #3- #4- #5- #6- #7- #8- #9- #10- #11- #12- #13- #14- #15- #16- #17- #18- #19- #20 | Assign consecutive numbers to each set of soil types. This allows allocating the details given in the appendix "Treatment groups". |  |
|  | Soil type | Text (255 char.)Display: Basic |  | Describe the soil type. |  |
|  | pH | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Organic matter (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Sand (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Silt (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Clay (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Moisture holding capacity | Text (255 char.)Display: Basic |  | Specify the moisture holding capacity at 1/3 bar. |  |
|  | CEC (meg/100 g) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | **Soil properties** | **Block of fields (repeatable) End** |  |  |  |
|  | Other details on test site | Text (32,768 char.)Display: Detailed |  | Unless provided in block 'Soil properties', include details on testing environment utilised for the study including environmental conditions experienced during the course of the study (i.e. temperature, rainfall, sunlight), soil characteristics (not required for materials applied to foliage) such as soil type, % organic matter, and pH. In case of growth chamber or greenhouse studies also consider the potential for photodegradation of the test substance. |  |
|  | **Environmental conditions** | **Header 2** |  |  |  |
|  | Temperature | Text (255 char.)Display: Basic |  | Specify the temperature conditions. |  |
|  | Rainfall | Text (255 char.)Display: Basic |  | Specify the rainfall conditions. |  |
|  | Lighting | Text (255 char.)Display: Basic |  | Specify the lighting conditions. |  |
|  | Potential for photodegradation of substance | Text (255 char.)Display: Basic |  | Describe the potential for photodegradation of substance. |  |
|  | **Application** | **Header 2** |  |  |  |
|  | **Use pattern information** | **Block of fields (repeatable) Start** |  |  |  |
|  | Method of application | Text (255 char.)Display: Basic |  | Describe the method of application. |  |
|  | Rate(s) of application | Text (255 char.)Display: Basic |  | Specify the rate of application. |  |
|  | Number of applications | Text (255 char.)Display: Basic |  | Specify the number of applications. |  |
|  | Timing of applications | Text (255 char.)Display: Basic |  | Specify the timing of applications. |  |
|  | PHI / PBI | Text (255 char.)Display: Basic |  | Specify the preharvest intervals (PHI) for crop study or plant-back intervals (PBI) for rotational crop study. |  |
|  | **Use pattern information** | **Block of fields (repeatable) End** |  |  |  |
|  | Other details on application | Text templateDisplay: Detailed | **Freetext template:**- Method of application:  - Rate(s) of application:  - Number of applications:  - Timing of applications:  - Preharvest interval(s):  - Plant back interval (if applicable): | Include details on the application of the test material (as far as not included in the block 'Use pattern information'). Use freetext template and delete/add elements as appropriate, or upload predefined table(s), if any, in rich text field 'Any other information on materials and methods incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1').The following information should be addressed: Method of application, rate(s) of application, number of applications, timing of applications, preharvest interval(s). For crop rotation studies, also report plant back interval(s) and compare test conditions to anticipated or actual use patterns (see predefined table).Note: Information on the type of pesticide applied and the formulation in which the radiolabelled pesticide was applied should be given in field 'Details on test material'. |  |
|  | Further details on study design | Text (32,768 char.)Display: Detailed |  | Include any further relevant details on the study design. |  |
|  | **Sampling and analysis of crop plants** | **Header 2** |  |  |  |
|  | Details on sampling | Text (rich-text area)Display: Detailed |  | Include details on the sampling, handling and preparation of samples.The following information should be addressed:HARVESTING: Description of harvest technique, crop parts harvested, size at harvest.SAMPLE HANDLING AFTER HARVESTING: Handling and shipping of harvested crop parts, storage conditions, length of storage, any preparation done prior to extraction. |  |
|  | Details on extraction and analysis | Text (rich-text area)Display: Basic |  | Include details on the the extraction and analytical methodology applied.The following information should be addressed:ANALYTICAL METHODOLOGY- Description of instrumentation, equipment and reagents used for determining total radioactivity in each sample: Give a detailed description of the analytical method employed to measure residues and listing of which chemical species were measured (parent pesticide, metabolites). If the methodology is described in chapter 'Analytical methods', you can include a cross-reference to that record in the block 'Cross-reference'.- Extraction schemes: state 'see graphic attached' if a figure is attached in field 'Illustration (picture/graph)' in 'Overall remarks, attachments'. 'Attached background material'.- Description of extraction and fractionation of radioactivity in each matrix- Chromatographic and spectroscopic behaviour of radioactive residues in extracts of animal matrices, parent, metabolites, and reference standardsRADIOCHEMICAL EXTRACTION EFFICIENCY- Quantitative information on the recovery of the radioactive residue: Report quantitative information on the recovery of the radioactive residue via the extraction methods used, especially as related to (probable) enforcement analytical methods if reported in this report. As appropriate, upload predefined table(s), if any, in rich text field 'Any other information on results incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1').Note: Specific tables may be required. Consult the programme-specific guidance (e.g. OECD HPVC, Pesticides NAFTA or EU REACH) thereof. |  |
|  | Details on identification and characterisation | Text (rich-text area)Display: Basic |  | Include details on the identification and characterisation. |  |
|  | **Flowchart of extraction and fractionation schemes** | **Block of fields (repeatable) Start** |  | Upload image files containing flowchart(s) of extraction and fractionation schemes. |  |
|  | Description | Text (255 char.)Display: Basic |  | As appropriate, include remarks, e.g. a short description of the content of the image file. Any details in the rich text field "Details on sampling". |  |
|  | Illustration (picture/graph) | Image uploadDisplay: Basic |  | Upload file by clicking the upload icon. The file name is displayed after uploading the document. |  |
|  | **Flowchart of extraction and fractionation schemes** | **Block of fields (repeatable) End** |  |  |  |
|  | **Sampling and analysis of soil** | **Header 2** |  |  |  |
|  | Details on sampling of soil | Text templateDisplay: Basic | **Freetext template:**- Sampling intervals:- Sampling points:- Sampling method:- Sample handling and preparation: | Information on the metabolic behaviour of the pesticide in soil may be relevant, if it impacts the nature and amount of residues found in the rotational crops. If soil residues were determined, include details on the sampling, sampling method and handling and preparation of samples. Use freetext template and delete/add elements as appropriate, or upload predefined table(s), if any, in rich text field 'Any other information on materials and methods incl. tables' or adapt table(s) from study report. |  |
|  | Details on analytical methodology for soil residues | Text templateDisplay: Basic | **Freetext template:Option 1 ANALYTICAL METHODOLOGY**- Description of instrumentation, equipment and reagents used for determining total radioactivity in each sample:- Extraction schemes: see graphic attached- Description of extraction and fractionation of radioactivity in each matrix:- Chromatographic and spectroscopic behaviour of parent, metabolites, reference standards and comparison to behaviour of extracted radioactive residues from soil:**Option 2 RADIOCHEMICAL EXTRACTION EFFICIENCY**- Quantitative information on the recovery of the radioactive residue:- Tracking of loss of radioactivity and attempts for minimizing these losses: | If soil residues were determined, include details on the analytical methodology applied for the identification and characterisation of the residues. Use freetext template and delete/add elements as appropriate, or upload predefined table(s), if any, in rich text field 'Any other information on materials and methods incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1').The following information should be addressed:ANALYTICAL METHODOLOGY- Description of instrumentation, equipment and reagents used for determining total radioactivity in each sample. Give a detailed description of the analytical method employed to measure residues and listing of which chemical species were measured (parent pesticide, metabolites). If the methodology is described in chapter 'Analytical methods', you can include a cross-reference to that record in field 'Cross-reference to other study'.- Description of the extraction schemes: state 'see graphic attached' if a figure is attached in field 'Illustration (picture/graph)' in 'Overall remarks, attachments'. - Description of extraction and fractionation of radioactivity in each matrix- Chromatographic and spectroscopic behaviour of radioactive residues in extracts of animal matrices, parent, metabolites, and reference standardsRADIOCHEMICAL EXTRACTION EFFICIENCY- Quantitative information on the recovery of the radioactive residue: Report quantitative information on the recovery of the radioactive residue via the extraction methods used, especially as related to (probable) enforcement analytical methods if reported in this report. As appropriate, upload predefined table(s), if any, in rich text field 'Any other information on results incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1'). |  |
|  | **Appendix: Treatment groups** | **Header 2** |  |  |  |
|  | **Treatment groups** | **Block of fields (repeatable) Start** |  | Provide information on the treatment groups used. Copy this block of fields for specifying multiple groups. |  |
|  | Test no. | Text (255 char.)Display: Basic |  | Enter a test number (e.g. #1 or alphanumeric combination). |  |
|  | Number | Text (255 char.)Display: Basic |  | Enter a number (e.g. #1 or alphanumeric combination) for identifying the subgroups of a test run. |  |
|  | Method of application | Text (255 char.)Display: Basic |  | Describe the method of application. |  |
|  | Rate(s) of application | Text (255 char.)Display: Basic |  | Specify the rate of application. |  |
|  | Number of applications | Text (255 char.)Display: Basic |  | Specify the number of applications. |  |
|  | Timing of applications | Text (255 char.)Display: Basic |  | Specify the timing of applications |  |
|  | Matrix (RAC or extract) | Text (255 char.)Display: Basic |  | Specify the matrix (RAC or extract). |  |
|  | Experimental descriptor | Text (255 char.)Display: Basic |  | Specify the experimental descriptor. |  |
|  | PHI / PBI | Text (255 char.)Display: Basic |  | Specify the preharvest intervals (PHI) for crop study or plant-back intervals (PBI) for rotational crop study. |  |
|  | Remarks | Text (255 char.)Display: Basic |  | Enter any remarks on the treatment group. |  |
|  | Reference (citation) | Link to lit. reference (multiple)Display: Basic |  | Link to the relevant bibliographic reference. Multiple entries are possible. They should be in line with the citations entered in field "Reference" under "Data source". |  |
|  | Related radiolabel | Link to repeatable entryDisplay: Basic |  | Link to the relevant radiolabel no. indicated in the repeatable block "Radiolabelled test material". |  |
|  | Related test crop | Link to repeatable entryDisplay: Basic |  | Link to the relevant test crop no. indicated in the repeatable block "Test crops". |  |
|  | Related soil type | Link to repeatable entryDisplay: Basic |  | Link to the relevant soil type indicated in the repeatable block "Test crops". |  |
|  | **Treatment groups** | **Block of fields (repeatable) End** |  |  |  |
|  | **Any other information on materials and methods incl. tables** | **Header 2** |  |  |  |
|  |  | Text (rich-text area)Display: Basic |  | In this field, you can enter any information on materials and methods, for which no distinct field is available, or transfer free text from other databases. You can also open a rich text editor and create formatted text and tables or insert and edit any excerpt from a word processing or spreadsheet document, provided it was converted to the HTML format. You can also upload any htm or html document.Note: One rich text editor field each is provided for the MATERIALS AND METHODS and RESULTS section. In addition the fields 'Overall remarks' and 'Executive summary' allow rich text entry. |  |
|  | **Results and discussion** | **Header 1** |  |  |  |
|  | **Total radioactive residues** | **Header 2** |  |  |  |
|  | **Extraction efficiency of radioactive residues using enforcement method** | **Block of fields (repeatable) Start** |  | Provide information on the extraction efficiency of radioactive residues from livestock metabolism study using residue enforcement method.Copy this block of fields for each method described. |  |
|  | Type of method | List (picklist)Display: Basic | **Picklist values:**- enforcement method- extraction method used in study- other: | Specify the type of method covered by this set of fields, i.e. enforcement method or extraction method used in study. |  |
|  | Recovered equivalents (mg/kg) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the recovered equivalents in mg/kg.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Overall extraction efficiency (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the percentage of the overall extraction efficiency.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Defined residue (mg/kg) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Specify the defined residue in mg/kg.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Defined residue extraction efficiency (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Specify the percentage of the defined residue extraction efficiency.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | **Extraction efficiency of radioactive residues using enforcement method** | **Block of fields (repeatable) End** |  |  |  |
|  | Quantitation | Text (2,000 char.)Display: Basic |  | Give details on the quantitation including LOQ and, if available, the LOD and a description of how the LOQ and LOD were determined. |  |
|  | **TRR results** | **Block of fields (repeatable) Start** |  | For each radiolabel used create a block of fields and indicate the radiolabel number referring to the number used in the Materials and Methods part. Using the nested repeatable block 'TRRs in matrices' provide the TRR values in % and ppm for the different matrices sampled. |  |
|  | Radiolabel no. | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- radiolabelled #1- radiolabelled #2- radiolabelled #3- radiolabelled #4- radiolabelled #5- radiolabelled #6- radiolabelled #7- radiolabelled #8- radiolabelled #9- radiolabelled #10 | Indicate the number of the radiolabelled test material specified in the Materials and Methods part. |  |
|  | **TRRs in matrices** | **Block of fields (repeatable) Start** |  | Specify the TRRs for each matrix analysed. |  |
|  | Matrix | Text (255 char.)Display: Basic |  | Specify the TRRs for each matrix analysed. |  |
|  | Timing and application | Text (255 char.)Display: Basic |  | Specify the timing of applications. |  |
|  | Preharvest interval (PHI) | Text (255 char.)Display: Basic |  | Specify the preharvest interval (PHI). |  |
|  | Plant-back interval (PBI) | Text (255 char.)Display: Basic |  | For rotational crop study specify the plant-back interval (PBI). | **Guidance for field condition:**Condition: Field active only if 'metabolism of residues in rotational crops' is selected in field 'Endpoint'. |
|  | TRR (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the percentage of TRR.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | TRR (ppm) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the TRR concentration as parent equivalent in ppm.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Remarks on result | List sup. (picklist with remarks - 2,000 char.)Display: Basic | **Picklist values:**- below limits of detection- not determinable- not determinable because of methodological limitations- not measured/tested- other: | This field can be used for:- giving a qualitative description of results in addition to or if no numeric value(s) were derived;- giving a pre-defined reason why no numeric value is provided, e.g. by selecting 'not determinable' and entering free text explanation in the supplementary remarks field; or- entering any additional information on the effect level by selecting 'other:' |  |
|  | **TRRs in matrices** | **Block of fields (repeatable) End** |  |  |  |
|  | **TRR results** | **Block of fields (repeatable) End** |  |  |  |
|  | Other details on total radioactive residues (TRRs) | Text (32,768 char.)Display: Basic |  | Include any further relevant details if not entered in the distinct fields. Report amount of radioactivity in each sample fraction, quantified in terms of total radioactive counts and as both percentage and concentration (mg/kg, as parent equivalents) in the original sample matrix analysed.As appropriate, upload predefined table(s), if any, in rich text field 'Any other information on results incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1').Note: Specific tables may be required. Consult the programme-specific guidance (e.g. OECD HPVC, Pesticides NAFTA or EU REACH) thereof. |  |
|  | **Extraction, characterisation, and distribution of residues** | **Header 2** |  |  |  |
|  | **Distribution of parent and metabolites** | **Block of fields (repeatable) Start** |  |  |  |
|  | Radiolabel no. | List (picklist)Display: Basic | **Picklist values:**- radiolabelled #1- radiolabelled #2- radiolabelled #3- radiolabelled #4- radiolabelled #5- radiolabelled #6- radiolabelled #7- radiolabelled #8- radiolabelled #9- radiolabelled #10 | Indicate the number of the radiolabelled test material specified in the Materials and Methods part. |  |
|  | Metabolite fraction | List (picklist)Display: Basic | **Picklist values:**- surface wash- organosoluble- aqueous soluble- other: | Specify the metabolite fraction, i.e. surface wash, organosoluble or aqueous soluble. For any other select 'other:' and specify. |  |
|  | Identity of parent or metabolite | Link to entity (single)Display: Basic |  | Give the identity of the parent or metabolite as applicable. For any unidentified compound create or use a record of the Substances Inventory with Name = unidentified compound.Click the Link button to navigate to the Substances Inventory and select the relevant substance name for indicating the identity (i.e. CAS number, CAS name, IUPAC name, SMILES code, molecular formula, structural formula etc.). If not available in the inventory, create a new one.Once stored in the Substances Inventory a reference substance can be re-used in the data set.Depending on the user interface of the software used the identity of the reference substance may only be displayed in a shortened form (e.g. comprising the CAS and IUPAC name), with a link for navigating to the actual record containing the reference substance information. | **Cross-reference:**REFERENCE\_SUBSTANCE |
|  | **TRRs in matrices** | **Block of fields (repeatable) Start** |  | Specify the TRRs for each matrix analysed. |  |
|  | Matrix | Text (255 char.)Display: Basic |  | Specify the matrix for which the TRR values are given. |  |
|  | TRR (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the percentage of TRR.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | TRR (ppm) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the TRR concentration as parent equivalent in ppm.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Remarks on result | List multi. (multi-select list with remarks - 2,000 char.)Display: Basic | **Picklist values:**- below limits of detection- not determinable- not determinable because of methodological limitations- not measured/tested- other: | This field can be used for:- giving a qualitative description of results in addition to or if no numeric value(s) were derived;- giving a pre-defined reason why no numeric value is provided, e.g. by selecting 'not determinable' and entering free text explanation in the supplementary remarks field; or- entering any additional information on the effect level by selecting 'other:' |  |
|  | **TRRs in matrices** | **Block of fields (repeatable) End** |  |  |  |
|  | **Distribution of parent and metabolites** | **Block of fields (repeatable) End** |  |  |  |
|  | Other details on distribution of residues | Text (32,768 char.)Display: Basic |  | Include any further relevant details if not entered in the distinct fields. Report quantitative information on the recovery of the radioactive residue from the sample matrices via the extraction methods used, especially as related to (probable) enforcement analytical methods.As appropriate, upload predefined table(s), if any, in rich text field 'Any other information on results incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1').Note: Specific tables may be required. Consult the programme-specific guidance (e.g. OECD HPVC, Pesticides NAFTA or EU REACH) thereof. |  |
|  | **Storage stability of residues** | **Header 2** |  |  |  |
|  | **Summary of storage conditions** | **Block of fields (repeatable) Start** |  | Summarize the storage conditions. Copy this block of fields for recording multiple conditions. |  |
|  | Matrix (RAC or extract) | Text (255 char.)Display: Basic |  | Specify the matrix (RAC or extract). |  |
|  | Plant-back interval (PBI) | Text (255 char.)Display: Basic |  | For rotational crop study specify the plant-back interval (PBI). | **Guidance for field condition:**Condition: Field active only if 'metabolism of residues in rotational crops' is selected in field 'Endpoint'. |
|  | Storage temperature | Text (255 char.)Display: Basic |  | Specify the storage temperature in °C. |  |
|  | Actual study duration | Text (255 char.)Display: Basic |  | Specify the actual study duration in days or months. |  |
|  | Interval / Limit of demonstrated storage stability | Text (255 char.)Display: Basic |  | For crop study specify the interval of demonstrated storage stability in days or months. Specify crop/matrix if different.For rotational crop study specify the limit of demonstrated storage stability in days or months. |  |
|  | **Summary of storage conditions** | **Block of fields (repeatable) End** |  |  |  |
|  | Storage stability of residues (Sample Integrity) | Text (32,768 char.)Display: Basic |  | Provide storage stability data for all major components of the total radioactive residues, including conditions and length of storage of samples following receipt in laboratory and conditions and length of storage of extracts prior to identification of residues (Note: Handling, pre-shipping storage and shipping procedures for harvested samples to be described in field 'Details on sampling and analytical method'.As appropriate, upload predefined table(s), if any, in rich text field 'Any other information on results incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1').Note: Specific tables may be required. Consult the programme-specific guidance (e.g. OECD HPVC, Pesticides NAFTA or EU REACH) thereof. |  |
|  | **Summary of radioactive residues in crops** | **Header 2** |  |  |  |
|  | **Characterisation and identification of radioactive residues** | **Block of fields (repeatable) Start** |  |  |  |
|  | Radiolabel no. | List (picklist)Display: Basic | **Picklist values:**- radiolabelled #1- radiolabelled #2- radiolabelled #3- radiolabelled #4- radiolabelled #5- radiolabelled #6- radiolabelled #7- radiolabelled #8- radiolabelled #9- radiolabelled #10 | Indicate the number of the radiolabelled test material specified in the Materials and Methods part. |  |
|  | Metabolite fraction | List (picklist)Display: Basic | **Picklist values:**- parent compound- metabolite- total extractable (aqueous + organic)- total identified- total unidentified- total bound residues (PES)- % accountability- total (ppm)/TRR (ppm) \* 100- other: | Specify the metabolite fraction, e.g. parent compound, metabolite or total extractable (aqueous + organic). For any other select 'other:' and specify. |  |
|  | Identity of parent or metabolite | Link to entity (single)Display: Basic |  | Give the identity of the parent or metabolite as applicable.Click the Link button to navigate to the Substances Inventory and select the relevant substance name for indicating the identity (i.e. CAS number, CAS name, IUPAC name, SMILES code, molecular formula, structural formula etc.). If not available in the inventory, create a new one.Once stored in the Substances Inventory a reference substance can be re-used in the data set.Depending on the user interface of the software used the identity of the reference substance may only be displayed in a shortened form (e.g. comprising the CAS and IUPAC name), with a link for navigating to the actual record containing the reference substance information. | **Cross-reference:**REFERENCE\_SUBSTANCE |
|  | **TRRs in matrices** | **Block of fields (repeatable) Start** |  | Specify the TRRs for each matrix analysed. |  |
|  | Matrix | Text (255 char.)Display: Basic |  | Specify the matrix for which the TRR values are given. |  |
|  | TRR (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the percentage of TRR.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | TRR (ppm) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the TRR concentration as parent equivalent in ppm.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Remarks on result | List sup. (picklist with remarks - 2,000 char.)Display: Basic | **Picklist values:**- below limits of detection- not determinable- not determinable because of methodological limitations- not measured/tested- other: | This field can be used for:- giving a qualitative description of results in addition to or if no numeric value(s) were derived;- giving a pre-defined reason why no numeric value is provided, e.g. by selecting 'not determinable' and entering free text explanation in the supplementary remarks field; or- entering any additional information on the effect level by selecting 'other:' |  |
|  | **TRRs in matrices** | **Block of fields (repeatable) End** |  |  |  |
|  | **Characterisation and identification of radioactive residues** | **Block of fields (repeatable) End** |  |  |  |
|  | Other details on characterisation and identification of residues | Text (32,768 char.)Display: Basic |  | Describe the characterisation and/or identification of radioactive residues, data for all major components, whether free, conjugated, non-extractable, or natural constituent, to reflect their presence within the sample matrices expressed as both percentage of the TRR and concentration (in mg/kg). As appropriate, upload predefined table(s), if any, in rich text field 'Any other information on results incl. tables' or adapt table(s) from study report. Use table numbers in the sequence in which you refer to them in the text (e.g. '... see Table 1').Note: Specific tables may be required. Consult the programme-specific guidance (e.g. OECD HPVC, Pesticides NAFTA or EU REACH) thereof. |  |
|  | **Summary of radioactive residues in soil** | **Header 2** |  |  |  |
|  | **Radioactive residues in soil** | **Block of fields (repeatable) Start** |  | If residues in soil samples were determined, provide the TRRs in the metabolic fraction (surface wash, organosoluble, aqueous soluble or other) for the parent compound and each metabolite. For each radiolabel used create a block of fields and indicate the radiolabel number referring to the number used in the Materials and Methods part. Using the nested repeatable block 'TRRs in soil samples' provide the TRR values in % and ppm for the different samples. |  |
|  | Radiolabel no. | List (picklist)Display: Basic | **Picklist values:**- radiolabelled #1- radiolabelled #2- radiolabelled #3- radiolabelled #4- radiolabelled #5- radiolabelled #6- radiolabelled #7- radiolabelled #8- radiolabelled #9- radiolabelled #10 | Indicate the number of the radiolabelled test material specified in the Materials and Methods part. |  |
|  | Metabolite fraction | List (picklist)Display: Basic | **Picklist values:**- parent compound- metabolite- total extractable (aqueous + organic)- total identified- total unidentified- total bound residues (PES)- % accountability- total (ppm)/TRR (ppm) \* 100- other: | Specify the metabolite fraction, e.g. parent compound, metabolite or total extractable (aqueous + organic). For any other select 'other:' and specify. |  |
|  | Identity of parent or metabolite | Link to entity (single)Display: Basic |  | Give the identity of the parent or metabolite as applicable.Click the Link button to navigate to the Substances Inventory and select the relevant substance name for indicating the identity (i.e. CAS number, CAS name, IUPAC name, SMILES code, molecular formula, structural formula etc.). If not available in the inventory, create a new one.Once stored in the Substances Inventory a reference substance can be re-used in the data set.Depending on the user interface of the software used the identity of the reference substance may only be displayed in a shortened form (e.g. comprising the CAS and IUPAC name), with a link for navigating to the actual record containing the reference substance information. | **Cross-reference:**REFERENCE\_SUBSTANCE |
|  | **TRRs in soil samples** | **Block of fields (repeatable) Start** |  | Specify the TRRs for each soil sample analysed. |  |
|  | Soil sample | Text (255 char.)Display: Basic |  | Specify the soil sample for which the TRR values are given. |  |
|  | TRR (%) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the percentage of TRR.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | TRR (ppm) | Numeric range (decimal)Display: Basic | **Lower numeric field [xx]:**- >- >=- ca.**Upper numeric field [xx]:**- <- <=- ca. | Provide the TRR concentration as parent equivalent in ppm.Enter a single numeric value in the first numeric field if you select no qualifier or '>', '>=' or 'ca.'. Use the second numeric field if the qualifier is '<' or '<='. For a range use both numeric fields together with the appropriate qualifier(s) if applicable. |  |
|  | Remarks on result | List sup. (picklist with remarks - 2,000 char.)Display: Basic | **Picklist values:**- below limits of detection- not determinable- not determinable because of methodological limitations- not measured/tested- other: | This field can be used for:- giving a qualitative description of results in addition to or if no numeric value(s) were derived;- giving a pre-defined reason why no numeric value is provided, e.g. by selecting 'not determinable' and entering free text explanation in the supplementary remarks field; or- entering any additional information on the effect level by selecting 'other:' |  |
|  | **TRRs in soil samples** | **Block of fields (repeatable) End** |  |  |  |
|  | **Radioactive residues in soil** | **Block of fields (repeatable) End** |  |  |  |
|  | **Proposed metabolic pathway** | **Header 2** |  |  |  |
|  | **Identification of compounds from metabolism study** | **Block of fields (repeatable) Start** |  | List the identity of the compounds from the metabolism study, both proposed and found. For compound create a new field in this repeatable block. |  |
|  | Identity of compound | Link to entity (single)Display: Basic |  | Click the Link button to navigate to the Substances Inventory and select the relevant substance name for indicating the identity (i.e. CAS number, CAS name, IUPAC name, SMILES code, molecular formula, structural formula etc.). If not available in the inventory, create a new one.Once stored in the Substances Inventory a reference substance can be re-used in the data set.Depending on the user interface of the software used the identity of the reference substance may only be displayed in a shortened form (e.g. comprising the CAS and IUPAC name), with a link for navigating to the actual record containing the reference substance information. | **Cross-reference:**REFERENCE\_SUBSTANCE |
|  | **Identification of compounds from metabolism study** | **Block of fields (repeatable) End** |  |  |  |
|  | Metabolic pathway | Text (rich-text area)Display: Basic |  | Discuss the routes of degradation or metabolism observed in the subject raw agricultural commodities and describe the metabolic pathways and/or attach figures in field 'Metabolic map (picture/graph)'. |  |
|  | Metabolic map (picture/graph) | Image uploadDisplay: Basic |  | Upload a file containing a metabolic pal by clicking the upload icon. The file name is displayed after uploading the document. |  |
|  | **Appendix: Metabolites and their parents in treatment groups** | **Header 2** |  |  |  |
|  | **Metabolites in treatment groups** | **Block of fields (repeatable) Start** |  | Use this repeatable block of fields for specifying the metabolites found and their parent compound(s). |  |
|  | ID no. | List sup. (picklist with remarks)Display: Basic | **Picklist values:**- #1- #2- #3- #4- #5- #6- #7- #8- #9- #10- #11- #12- #13- #14- #15- #16- #17- #18- #19- #20- #21- #22- #23- #24- #25- #26- #27- #28- #29- #30- #31- #32- #33- #34- #35- #36- #37- #38- #39- #40- other: | Assign consecutive numbers to the test substance (i.e. #1) and to each metabolite (i.e. #2, #3, etc.). |  |
|  | Identity of compound | Link to entity (single)Display: Basic |  | Give the identity of the compound, i.e. either the test substance or any metabolite.Click the Link button to navigate to the Substances Inventory and select the relevant substance name for indicating the identity (i.e. CAS number, CAS name, IUPAC name, SMILES code, molecular formula, structural formula etc.). If not available in the inventory, create a new one.Once stored in the Substances Inventory a reference substance can be re-used in the data set.Depending on the user interface of the software used the identity of the reference substance may only be displayed in a shortened form (e.g. comprising the CAS and IUPAC name), with a link for navigating to the actual record containing the reference substance information. | **Cross-reference:**REFERENCE\_SUBSTANCE |
|  | Parent compound(s) | Link to entity (multiple)Display: Basic |  | If the compound is a metabolite, link to the identity of the substance that is characterised as parent of this metabolite. Link to multiple parent substances if applicable. | **Cross-reference:**REFERENCE\_SUBSTANCE |
|  | **Treatment groups** | **Block of fields (repeatable) Start** |  |  |  |
|  | Treatment group (Test no.) | Link to repeatable entryDisplay: Basic |  | Create one or multiple links to field "Test no." in "Appendix: Treatment groups" and select the relevant treatment groups where the metabolite and the relationship to the parent compound(s) specified was found. |  |
|  | **Treatment groups** | **Block of fields (repeatable) End** |  |  |  |
|  | Expertise | List (picklist)Display: Basic | **Picklist values:**- none- expertly specified | Indicate if the metabolite and its relationship has been expertly specified or not. |  |
|  | Type of expertise | List multi. (multi-select list)Display: Basic | **Picklist values:**- tolerance expression- residue of concern- assumed by author(s)- expert:- decision: | If expert judgment applies, indicate the type of expertise. Multiple selection is possible.Select "expert:" and "decision:" and enter text. |  |
|  | **Metabolites in treatment groups** | **Block of fields (repeatable) End** |  |  |  |
|  | **Any other information on results incl. tables** | **Header 2** |  |  |  |
|  |  | Text (rich-text area)Display: Basic |  | In this field, you can enter any other remarks on results. You can also open a rich text editor and create formatted text and tables or insert and edit any excerpt from a word processing or spreadsheet document, provided it was converted to the HTML format.Note: One rich text editor field each is provided for the MATERIALS AND METHODS and RESULTS section. In addition the fields 'Overall remarks' and 'Executive summary' allow rich text entry. |  |
|  | **Overall remarks, attachments** | **Header 1** |  |  |  |
|  | Overall remarks | Text (rich-text area)Display: Basic |  | In this field, you can enter any overall remarks or transfer free text from other databases. You can also open a rich text editor and create formatted text and tables or insert and edit any excerpt from a word processing or spreadsheet document, provided it was converted to the HTML format. You can also upload any htm or html document.Note: One rich text editor field each is provided for the MATERIALS AND METHODS and RESULTS section. In addition the fields 'Overall remarks' and 'Executive summary' allow rich text entry. |  |
|  | **Attachments** | **Block of fields (repeatable) Start** |  | Attach any background document that cannot be inserted in any rich text editor field, particularly image files (e.g. an image of a structural formula).Copy this block of fields for attaching more than one file. |  |
|  | Type | List (picklist)Display: Basic | **Picklist values:**- full study report- illustration (picture/graph)- other: | Specify the type of attachment inserted, for example the 'full study report'. |  |
|  | Attached (confidential) document | Attachment (single)Display: Basic (Confidential) |  | An electronic copy of the full study report or other documents can be attached as Word, pdf or other file types. |  |
|  | Attached (sanitised) documents for publication | Attachment (single)Display: Basic |  | An electronic copy of a public (non-confidential) version of the full study report or other relevant documents can be attached. This attachment should be sanitised if needed. |  |
|  | Remarks | Text (255 char.)Display: Basic |  | As appropriate, include remarks, e.g. a short description of the content of the attached document if the file name is not self-explanatory. |  |
|  | **Attachments** | **Block of fields (repeatable) End** |  |  |  |
|  | **Applicant's summary and conclusion** | **Header 1** |  |  |  |
|  | Conclusions | Text (32,768 char.)Display: Basic |  | Enter any conclusions if applicable in addition to the information given in fields 'Key results' and 'Interpretation of results' (if any). |  |
|  | Executive summary | Text (rich-text area)Display: Basic |  | If relevant for the respective regulatory programme, briefly summarise the relevant aspects of the study including the conclusions reached. If a specific format is prescribed, copy it from the corresponding document or upload it if provided as htm or html document.Consult the programme-specific guidance (e.g. OECD Programme, Pesticides NAFTA or EU REACH) thereof. |  |