



**RÉPUBLIQUE  
FRANÇAISE**

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**anses**



# WEBINAR: METAPATH

How to complete MSS composers for pesticides metabolism studies

# 1ST DAY WEBINAR PROGRAM

I. Introduction & presentation of the project

II. Opening MSS

III. General Info tab

IV. Materials & Methods

Coffee break

V. Results tables (part 1)

**Lunch break (until 14 h)**

VI. Results tables (part 2)

VII. Appendixes

Coffee break

**VIII. Attachment , Render & Conclusion**

IX. Key points / Q&A

# Attachment , Render & Conclusion

## Theory presentation

# Conclusion section



## VIII. Conclusion tab

This conclusion tab of the MSS is to write your conclusions on the metabolism study, summarising parameters, TRR identified, metabolites generated and their quantification. Validity of the analytical methods, etc...



Crop 1 Crop 2  
I. General Info II. Materials and Methods III. Results and Discussion IV. **Conclusions** V. Appendix VI. Attachments

### CONCLUSIONS

**Free-text field: to write the general conclusion on the study. No limited characters**

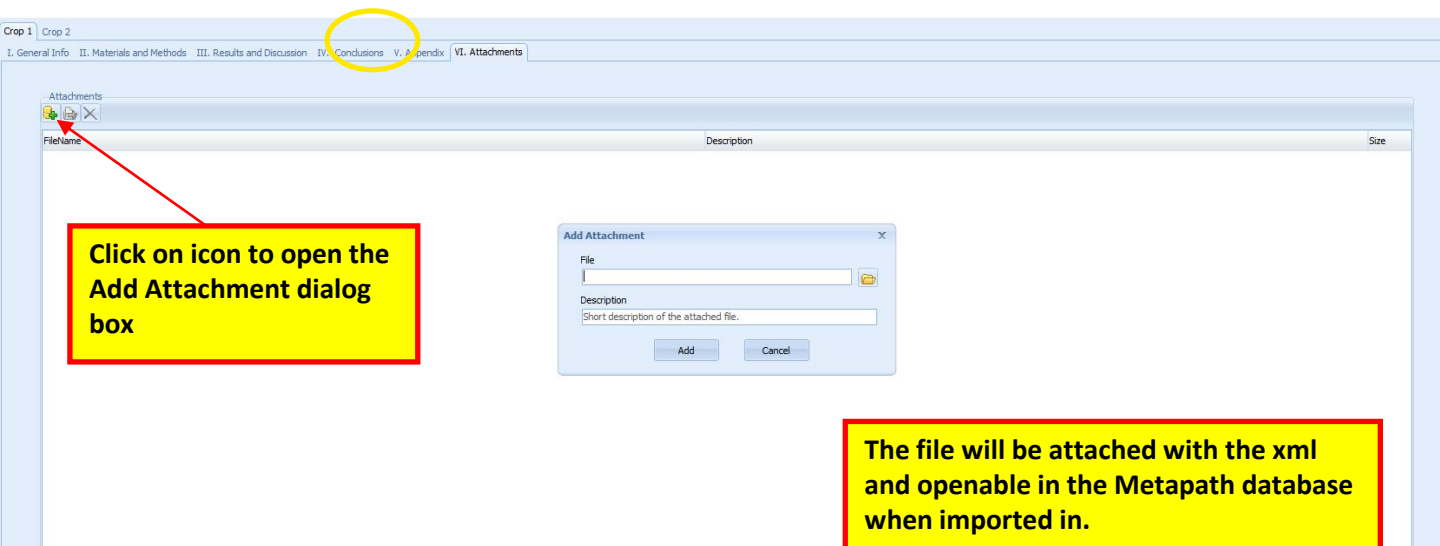
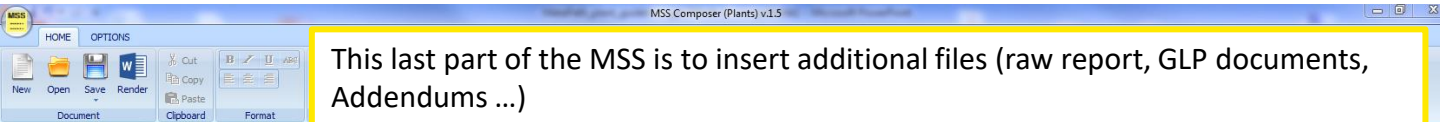
### REFERENCES

**Free-text field: cite references for other metabolism studies (if applicable); if available, include the EPA MRID# and PMRA# of both the study and the review.**



# To attach a file to a xml

## VIII. Attachments



## VIII. Attachments

Click on the folder icon to open the file locator dialog box (above). Select a file, then click **Open**, followed by clicking the **Add** button. Repeat as desired.

The screenshot displays the MSS Composer (Plants) v1.5 software interface. The top menu bar includes 'HOME' and 'OPTIONS'. Below it, a toolbar contains icons for 'New', 'Open', 'Save', 'Render', 'Cut', 'Copy', 'Paste', 'Insert Symbol', and 'Build Metabolic Map'. The main workspace is divided into several panes. On the left, there's a 'Crop' pane with 'Crop 1' and 'Crop 2' tabs, and an 'Attachments' pane. The 'Add Attachment' dialog box is open, showing fields for 'File', 'Description', and 'FileName', with 'Add' and 'Cancel' buttons. A red arrow points from the 'Add Attachment' dialog to a file explorer window titled 'Ouvrir'. The file explorer shows a directory structure with 'URSC' selected. It lists various files, including XML and docx files, with columns for 'Nom', 'Modifié le', 'Type', and 'Taille'. The 'Nom' column lists files like '272451657\_Flubendiamide\_apple\_FINAL\_RCK\_Oct 26\_2016.xml' and '272451657\_Flubendiamide\_apple\_FINAL\_RCK\_Oct 26\_2016\_QA.docx'. The 'Modifié le' column shows dates like '26/10/2016 17:23'. The 'Type' column shows file types like 'Fichier XML' and 'Document Micros...'. The 'Taille' column shows file sizes like '140 Ko' and '13 Ko'. The file explorer has a search bar at the top right and buttons for 'Ouvrir' and 'Annuler' at the bottom right.



# How to use the render tool

## VIII. Render tool

MSS Composer (Plants) v1.5

HOME OPTIMIZATION RENDER CUT COPY PASTE INSERT SYMBOL BUILD METABOLIC MAP

New Open Save Print Copy Paste Format Tools

Document Clipboard Format Tools

Guidelines

Crop 1 Crop 2

I. General Info II. Materials and Methods III. Results and Discussion IV. Conclusions V. Appendix VI. Attachments

**B.7.1 Metabolism, distribution and expression of residues in plants (Annex IIA 6.2.1)**

References:

ADD DEL

Citation #1

Author(s): Motoba, K.

Date: April 4 2002 Pages:

Study Title: Metabolism study of NNI-0001 in cabbage

Reference Type: KIA 6.2.1/01

Testing Laboratory: Toxicological & Pharmaceutical Research Center, Nihon Nohyaku Co., Ltd. Osaka, Japan

Company Study Number: LSRC-M02-011A

MRID Number: PHRA Number: Other Identifier:

Test Material: Flubendamide (NNI-0001)

PC Code:

Guidelines: JMAFF test guidelines for supporting registration of chemical pesticides (12 Nousan No.8147, 24 NUS EPA 40 CFR Part 158.290 to support the registration of pesticides for use on a food or feed on US EPA Residue Chemistry Test Guidelines (OPPTS 860.1300, Nature of the Residue-Plants, Livestock Directive 91/414/EEC, Annex II, Part A section 6.1 as amended by Commission Directive 96/68/EC, Document 2028/VI/95, Rev.3, July 1997)

GLP: yes

Acceptability: The study is considered scientifically acceptable.

Evaluators:

Evaluator Name

Evaluator 1

Evaluator 2

Evaluator 3

Click on the **Render** icon and give the file a name and click **SAVE**. The file will begin to populate in Word on the screen. At completion the generated Word Summary Document may be edited just like any Word document

Enregistrer sous

Enregistrer dans: Final\_Map

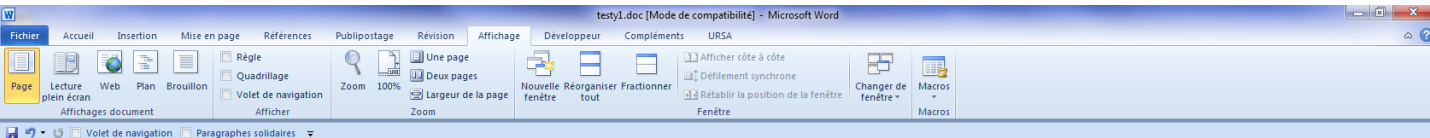
Nom	Modifié le	Type	Taille
LIVESTOCK METABOLISM [DER]	30/10/2019 10:37	Dossier de fichiers	
LIVESTOCK METABOLISM [MSS]	30/10/2019 10:37	Dossier de fichiers	
METABOLISM & PHARMACOKINETICS [DER]	30/10/2019 10:37	Dossier de fichiers	
PLANT METABOLISM [MSS]	30/10/2019 10:37	Dossier de fichiers	
QA-Risk	28/02/2020 10:19	Dossier de fichiers	
ROTATIONAL CROP [MSS]	30/10/2019 10:37	Dossier de fichiers	

nom du fichier:

Type: Word document (\*.docx)

Enregistrer Annuler

## VIII. Render tool



**One aim of the MSS composer tool is to harmonize the way metabolism studies are summarized in active substance DAR and RAR**

### B.7.1.1 Crop

#### Citations

Citation n°1	Authors	Baker, F.C., Kimmel, E.C., Estigoy, L.
	Date	21/11/2002
	Study Title	A Metabolism Study with [14C]NNI-0001 on Apples
	Reference Type	RMA 6.2.1.03
	Testing Laboratory	PTRL West, Inc.; 625-B Alfred Nobel Drive, Hercules, California 94547, USA
	Company Study Number	PTRL West, Inc. Amended report no. 1027W-2, Doc No 35-106092-01-2
	Page	
	XBRID	
	PABA	
	Other Identifier	

**Test Material:** Flubendiamide (NNI-0001)

**PC Code:**

**Guidelines:** JMAFF test guidelines for supporting registration of chemical pesticides (12 Nousan No 8147, 24 November 2000);

US EPA 40 CFR Part 158.290 to support the registration of feed crop under the amended FIFRA Act;

**GLP:** YES;

**Acceptability:** The study is considered scientifically acceptable.

#### BACKGROUND INFORMATION

Flubendiamide (NNI-0001) is a new selective insecticide which acts against lepidoptera insects.

Under the context of inclusion in Annex I of Directive 91/414/EEC, the notifier intends to support the use on tomatoes and bell peppers, under protected (greenhouse) conditions only, in Southern and Northern Europe.

The metabolism of flubendiamide (NNI-0001) after spray applications was investigated in four different crops - tomato, apple, head cabbage and corn. These crops can be regarded as representatives for the crop categories: fruits (apples, tomato), leafy crops (head cabbage) and cereals (corn). Therefore these metabolism studies are considered to cover three crop categories covering the requirements set for metabolism in plants, including also the intended uses on tomatoes and bell peppers, supported in the context of inclusion in Annex I of Directive 91/414/EEC.

**Product Type:** Insecticide

**Gain capacity to import data in the metapath database + Automatically generate the study summary**

# VIII. Render tool

testy1.doc [Mode de compatibilité] - Microsoft Word

Fichier Accueil Insertion Mise en page Références Publipostage Révision Affichage Développeur Compléments URSA

Page Lecture plein écran Web Plan Brouillon Affichages document

Règle Quadrillage Volet de navigation Afficher Zoom 100% Deux pages Largeur de la page Nouvelle Réorganiser Fractionner fenêtre Fenêtre

Afficher côte à côte Défilement synchrone Rétablir la position de la fenêtre Fenêtre

Changer de fenêtre - Macros - Macros

Volet de navigation Paragraphe solitaires

**B.7.1 Metabolism, distribution and expression of residues in plants (Annex IIA 6.2.1)**

**B.7.1.1 Crop**

**Citations**

Citation #1	Authors	Baker, F. C., Kimmel, E. C., Emigoy, L.
Date		21/11/2002
Study Title		A Metabolism Study with 114C35S5-0001 on Apples
Reference Type		KDA 6.2.1/03
Testing Laboratory		PTRL West, Inc.; 825-B Alford Nobel Drive, Hercules, California 94547, USA
Company Study Number		PTRL West, Inc. Amendment report no. 102/W/2 Doc No M-106902-01-2
Page		

**Advices :**

- An empty 2<sup>nd</sup> report generated for the crop 2 tab → Can be deleted
- Gibberish in the text filled in free field for tables in B. Extraction and D. Identification → Delete (may be updated)
- Clarify and ordinate by deleting Line breaks
- Save the render with relevant name to well prepare your assesment reports

**Once the word file is rendered. Please pay attention to your document**

**Some modifications required before finalising**

GLP: YES;

**Acceptability:** The study is considered scientifically acceptable.

**BACKGROUND INFORMATION**

Flubendiamide (NNI-0001) is a new selective insecticide which acts against lepidoptera insects.

Under the context of inclusion in Annex I of Directive 91/414/EEC, the notifier intends to support the use on tomatoes and bell peppers, under protected (greenhouse) conditions only, in Southern and Northern Europe.

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**Product Type:** Insecticide

**Product Use:** Plant Protection

## Additional tools

### Live attachment + Render