



Animal &
Plant Health
Agency

Import of Processed animal protein (PAP) derived from farmed insects not for Human Consumption

Import Information Note (IIN) ABP/45

January 2024

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1. General Information

This Import Information Note (IIN) must be read in conjunction with the IIN for general information for imports of animal by-products (ABP), which provides information on pre-notifications, veterinary checks, risk categories etc.

[General information for imports of animal by-products \(ABP\) \(defra.gov.uk\)](https://defra.gov.uk)

References to European Union (EU) legislation within this document are references to direct EU Legislation which has been assimilated in Great Britain (assimilated direct legislation), as defined in the Retained EU Law (Revocation and Reform) Act 2023 and can be viewed on the UK legislation website (legislation.gov.uk).

2. Scope

Import conditions for processed animal protein (PAP) derived from farmed insects not intended for human consumption, including mixtures and products other than pet food containing such protein for the manufacture of feed for aquaculture animals, feed for fur animals, pet food and technical use.

Annex IV, Chapter II point (c) (ii) of [Regulation \(EC\) 999/2001](#) has been amended to permit the use of PAP derived from farmed insects for the use in feed for aquaculture animals.

[Regulation \(EU\) 142/2011](#) does permit the use of PAP for the production of pet food and feed for fur animals and [Regulation \(EU\) 2017/893](#) lays down the sourcing, processing and import requirements for PAP derived from farmed insects for use in the manufacture of these products.

NOTE

- At present, the use of PAP derived from insects is **not permitted** for the use or manufacture of feed for any other farmed animals (including poultry) apart from aquaculture animals and fur animals.
- For PAP derived from animal by-products (ABP) other than farmed insects please refer to [Import Information Note IIN ABP 1](#). Copies of IINs can be found on the Animal and Plant Health Agency [website](#).
- This IIN does not cover the import of finished aquaculture feed containing PAP derived from insects. For the requirements for importing compound feed and finished feed intended for aquaculture animals please contact the Food Standards Agency (FSA).

AnimalFeed1@foodstandards.gsi.gov.uk

3. Permitted species and their feed use

a) Species of insects permitted

PAP derived from farmed insects, intended for the production of aquaculture feed, fur animal feed, pet food and technical use may only be produced from the following insect species:

- (i) Black Soldier Fly (*Hermetia illucens*)
- (ii) Common Housefly (*Musca domestica*);
- (iii) Yellow Mealworm (*Tenebrio molitor*)
- (iv) Lesser Mealworm (*Alphitobius diaperinus*);
- (v) House cricket (*Acheta domesticus*),
- (vi) Banded cricket (*Gryllodes sigillatus*) and
- (vii) Field Cricket (*Gryllus assimilis*).'

b) Use of ABP or derived products from ABP as feed for insects intended for processing into PAP

The substrate for the feeding of insects intended for processing into PAP may only contain products of non-animal origin or the following products of animal origin of Category 3 material:

- i. fishmeal,
- ii. blood products from non-ruminants,
- iii. di- and tricalcium phosphate of animal origin,
- iv. hydrolysed proteins from non-ruminants,
- v. hydrolysed proteins from hides and skins of ruminants,
- vi. gelatine and collagen from non-ruminants,
- vii. eggs and egg products,
- viii. milk, milk based-products, milk-derived products and colostrum,
- ix. honey and
- x. rendered fats.

The substrate for the feeding of insects and the insects or their larvae must not have been in contact with any other materials of animal origin than those mentioned above, and the substrate must not contain manure, catering waste or other waste.

4. Production standards

PAP derived from farmed insects must have been produced and stored in accordance with the requirements of Annex X, Chapter II, Section 1 of [Regulation \(EU\) 142/2011](#). In

particular Point B of that Section lays down the processing requirements as set out in Chapter III of Annex IV of [Regulation \(EU\) 142/2011](#).

The competent authority must also examine a random sample of the PAP derived from insects immediately prior to dispatch which must meet the following standards:

Salmonella: Absence in 25 g: n = 5, c = 0, m = 0, M = 0

Enterobacteriaceae: n = 5, c = 2, m = 10, M = 300 in 1 g

Storage requirements are laid down in Annex X, Chapter II, Section 1, Point C.

5. Country of origin

Imports are permitted from trading partners listed in a document published by the Secretary of State, with the consent of the Scottish and Welsh Ministers. See the documents for fresh meat of ungulates at the links below.

- [Non-EU countries](#)
- [EU and EFTA countries](#)

6. Approved establishments

Annex I (x) of [Regulation \(EU\) 2017/893](#) requires that the PAP derived from farmed insects must be produced in processing plants dedicated exclusively to the production of products derived from farmed insects.

Products must be produced in an establishment approved to export to Great Britain. Importers should check prior to importation that the premises are listed on the correct list.

Consolidated lists of approved establishments/plants are available on:

- data.gov.uk for **non-EU countries**
- and [here](#) for **EU Countries**

If the establishment or plant is not listed, importers are urged to contact the company concerned, who should contact their competent authority immediately. If the plant is not included on the appropriate list when veterinary checks are carried out the consignment is likely to be held and could be rejected and re-exported or destroyed.

7. Health certification/documentation

Imports to Great Britain must be accompanied by the appropriate health certificate (*), which can be found on GOV.UK.

The health certificates are based on the requirements included in Annex XV, Chapter 1(A) of [Regulation \(EU\) 142/2011](#).

[Other animal by-products: model health certificates - GOV.UK \(www.gov.uk\)](#)

(*) Please note that this requirement will be introduced for animal products from EU and EFTA countries in the high and medium risk categories from 31st January 2024. Further information regarding risk categories can be found at the link below.

[Import risk categories for animals and animal products imported from the EU to Great Britain, from 31 January 2024 - GOV.UK \(www.gov.uk\)](#)

8. Labelling requirements

PAP derived from farmed insects and the label thereof shall be clearly marked with the following words: **“NOT FOR HUMAN CONSUMPTION/ Processed insect protein — shall not be used in feed for farmed animals except aquaculture and fur animals”**.

9. Contact for further information

For further information regarding import requirements, contact the Animal and Plant Health Agency (APHA) Imports team:

Centre for International Trade - Carlisle
Eden Bridge House
Lowther Street
Carlisle
CA3 8DX

Email: Imports@apha.gov.uk

Telephone: 03000 200 301



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Any enquiries regarding this publication should be sent to us at:

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www.gov.uk/apha

The Animal and Plant Health Agency (APHA) is an executive agency of the Department for Environment, Food & Rural Affairs, and also works on behalf of the Scottish Government and Welsh Government.