

**Emergency Authorisation Number: 1146 of 2024**

**EMERGENCY AUTHORISATION FOR USE OF A PLANT  
PROTECTION PRODUCT**

**PLANT PROTECTION PRODUCTS ASSIMILATED REGULATION No 1107/2009**

Extent of authorisation: England

Product name: Insyst

Active ingredient: 20 % w/w acetamiprid

MAPP number: 19873

Emergency authorisation holder: British Sugar plc and NFU Sugar

Product authorisation holder: Nisso Chemical Europe GmbH (Registered  
Company no. HRB 28513)

Marketing company: Certis Belchim B.V.

This Emergency authorisation for use starts: 9 May 2024

This Emergency authorisation for use ends: 6 September 2024

This emergency authorisation can be withdrawn or amended before its end date if the requirements of authorisation under Assimilated Regulation 1107/2009 are no longer met. The requirements may no longer be met as a result of, for example, new information brought to the attention of the competent authority on the danger necessitating the use of the PPP, the effects of the PPP, or whether use of the PPP is limited and controlled. These examples are not exhaustive.

HSE Digital Signature

This and the attached Appendices 1 and 2 are signed by the Health and Safety Executive for and on behalf of the Secretary of State.

Date of issue: 9 May 2024

## EXPLANATORY NOTES

1. This is Emergency authorisation number 1146 of 2024.
2. This Emergency authorisation will be published on HSE's website.
3. Application reference number: COP 2024/00665.
4. Persons using the product to which this Emergency authorisation applies should acquaint themselves with and observe all requirements contained in the Assimilated Regulation No 1107/2009, including the duty on the holder of any emergency authorisation to notify information on potentially dangerous effects, a contravention of which is a criminal offence under those Regulations.
5. Neither the efficacy nor the phytotoxicity of the product for which this emergency authorisation has been granted has been assessed and, as such, the user bears the risk in respect of failures concerning its efficacy and phytotoxicity.
6. In this notice Regulation No 1107/2009 means:  
In relation to Great Britain, Assimilated Regulation No 1107/2009 as it has effect in Great Britain.

## ADVISORY INFORMATION

This Emergency Authorisation relates to the use of a second foliar spray of 'Insyst' to sugar beet crops for the control of peach-potato aphid (*Myzus persicae*) to prevent virus yellows infection. Application must only be in sequence following a first foliar spray of 'Insyst' and a second foliar spray of flonicamid (e.g. Teppeki) on sugar beet crops which were not grown from seed treated with 'Cruiser SB'.

Applications to be made via horizontal boom sprayer in water volumes of 200 to 500 litres water per hectare. 'Insyst' should be applied at the recommended rate of use and in sufficient water volume to achieve the required spray penetration into the crop and uniform coverage necessary for optimal pest control.

**IMPORTANT:** When applying this product under the terms of this Emergency authorisation, comply with any resistance guidance or restrictions stated on the product label.

Stewardship must be adhered to for use and is detailed at Appendix 3

Total reliance on one pesticide will hasten the development of resistance; pesticides of different chemical types or alternative control measures should be included in a planned programme. Alternating insecticides with different modes of action is a recognised anti-resistance strategy and 'InSyst' should be used in alternation with insecticides of a different mode of action, giving consideration to the overall treatment programme on the crop against a range of pests.

## APPENDIX 1: CONDITIONS OF EMERGENCY AUTHORISATION

The conditions below are obligatory. They must be complied with when the Emergency use occurs. Failure to comply with the following conditions will result in the withdrawal or amendment of the emergency authorisation under Assimilated Regulation No 1107/2009 and may result in other enforcement action, including prosecution.

### Use:

Field of use: **ONLY AS AN INSECTICIDE**

User: Professional

Crops/situations:	Maximum individual dose: (g product / ha)	Maximum total dose:	Maximum number of treatments: (per year)	Latest time of application:
Sugar beet	250	-	1 (see other specific restriction 2)	28 days before harvest and before 31 July

The following Aquatic Buffer Zones must be observed:

Crops/situations:	Aquatic buffer zone distance (metres):	Comment:
Sugar beet	12	see Environmental Protection Phrases 1 and 2

### Operator Protection:

- (1) Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
  - (a) Operators must wear suitable protective gloves and suitable respiratory protective equipment\* when handling the product. \*Disposable filtering facepiece respirator to at least EN149 FFP2 or equivalent.
- (2) However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

## Environmental protection:

(1) Horizontal boom sprayers must be fitted with three star drift reduction technology for all uses.

(2) Crops/situations with >5m buffer zone:

Since there is a risk to aquatic life from use, direct spray from horizontal boom sprayers must not be allowed to fall within the distance specified for the crop of the top of the bank of any static or flowing waterbody or within 1m of the top of a ditch which is dry at the time of application.

Spray must be aimed away from water.

(3) Buffer zones must be measured in accordance with the guidance set out in the booklet 'Local Environment Risk Assessment for Pesticides - Horizontal Boom Sprayers' available from HSE Chemicals Regulation Division's website and any amendments made to it.

(4) The results of the LERAP must be recorded in written form and must be available for a period of three years for inspection to any person entitled to exercise enforcement powers under or in connection with the Plant Protection Products Regulations 2011 or the Plant Protection Products (Sustainable Use) Regulations 2012. (An electronic record will satisfy the requirement for a written record, providing it is similarly available for inspection and can be copied).

(5) To protect non target insects/arthropods spray equipment must be fitted with three star drift reduction technology and respect an unsprayed buffer zone of 10 m to non-crop land.

(6) To protect non target insects/arthropods do not apply after 31 July.

## Other specific restrictions:

(1) This product must only be applied for the control of peach-potato aphid (*Myzus persicae*) in accordance with the terms of this Emergency Authorisation and the product label and/or associated leaflet.

(2) Growers must refer to BBRO advice and recommendations from BASIS qualified agronomists when considering the need to spray.

- (3) Records must be kept and submitted in accordance with the stewardship document at Appendix 3 of this authorisation.
- (4) Do not use on sugar beet plants grown from seed treated with 'Cruiser SB'
- (5) Crops must only be sprayed with a second application of 'Insyst' following a two spray programme of acetamiprid (as 'Insyst') and flonicamid and where relevant aphid thresholds\* are identified.

Up to 12 true leaves: 5 green wingless aphids per 20 plants.

Between 12 and 16 true leaves: 1 green wingless aphid per plant.

- (6) Buffer zones greater than 5m are NOT eligible for buffer zone reduction under the LERAP scheme.
- (7) Low drift spraying equipment must be operated according to the specific conditions stated in the official three star rating for that equipment as published on HSE Chemicals Regulation Division's website. These operating conditions must be maintained until 30m from the top of the bank of any surface water bodies.
- (8) To protect groundwater the maximum total dose of acetamiprid must not exceed 100 g acetamiprid /ha (e.g., 500 g InSyst/ha) in any three-year period in the same field.
- (9) Returnable containers must not be re-used for any other purpose.
- (10) Returnable containers must be returned to the supplier.

## **APPENDIX 2: GENERAL CONDITIONS FOR AN EMERGENCY AUTHORISATION**

Failure to comply with the following conditions is likely to result in the withdrawal or amendment of the Emergency authorisation under Assimilated Regulation No 1107/2009 and may result in other enforcement action, including prosecution.

### **Adverse effects:**

The authorisation holder must immediately notify the Secretary of State, if they have any new information on the potentially adverse effects of the authorised product, or of residues of an active substance in that product when used in accordance with the conditions of this authorisation. Failure to comply with this requirement is an offence.

### **Provision of information:**

The authorisation holder must comply with all requests for information required by, or on behalf of, the Secretary of State, in accordance with Assimilated Regulation No 1107/2009.

## Appendix 3

### **Emergency Authorisation Stewardship requirements for use of a second spray of 'InSyst' (MAPP 19873) to protect sugar beet against beet virus yellows complex by controlling the virus vector *Myzus persicae***

Any person applying a second foliar spray of 'InSyst' must follow the conditions of the emergency authorisation.

In addition, stewardship is required to ensure enhanced communication and record keeping to ensure that the use is limited and controlled. The stewardship includes roles for individual growers and the emergency authorisation holders.

#### **The emergency authorisation holders**

The stewardship requirement must be appropriately communicated by British sugar plc and NFU sugar or where more appropriate by BBRO.

The records of grower use (see below) must be summarised within a report (in tabular form)-to be submitted at the latest by end November 2024 and which demonstrates how the authorisation requirements were met.

In addition, the report should include information on:

- what other methods were used through the season to reduce aphid levels/virus incidence and their contribution to overall management programme.
- an indication of how the aphids and virus infection levels progressed over the season and a discussion of differences between crops treated, or not treated with 'Cruiser SB'.

It may be that information gathered by British Sugar contract managers, perhaps through data required under the Red Tractor assurance scheme, could help with the above bullet points. Any sample sizes reported on should be sufficient to give reassurance on this issue.

The figures provided from the British Sugar annual crop survey is an important source of information both on virus incidence and use of the Article 53 authorisations. It is possible that there is further detailed information from this survey that could also assist.

#### **Crop owners/ growers**

The authorised use period must be respected.

The following must be recorded by the user and submitted to British Sugar by 30 August 2024

- The date(s) and location(s) of any second application of 'InSyst and the number of hectares treated in accordance with this emergency authorisation
- Aphid counts and crop growth stages at the time of decision
- The basis of the decision making on whether to apply foliar spray(s) during the susceptible growth stage period, including any 3<sup>rd</sup> foliar application (i.e. a second application of 'InSyst')