

**EMERGENCY AUTHORISATION OF A PLANT PROTECTION
PRODUCT**

PLANT PROTECTION PRODUCTS REGULATION (EC) No 1107/2009

Extent of authorisation: England

Product name: Redigo M

Active ingredient: 20 g / L metalaxyl and 100 g / L prothioconazole

Product authorisation holder: Bayer CropScience Limited

Emergency authorisation holders: Horticulture Crop Protection UK Limited

This Emergency authorisation starts: 5 January 2024

This Emergency authorisation ends:

- (a) For placing the product on the market: 5 May 2024
- (b) For use of treated seed: 30 June 2024
- (c) For storage and disposal of unused stocks: 31 July 2024

This emergency authorisation can be withdrawn or amended before its end date if the requirements of authorisation under Regulation 1107/2009 are no longer met.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: 5 January 2024

EXPLANATORY NOTES

1. This is Emergency authorisation number 0053 of 2024
2. This Emergency authorisation will be published on HSE's website.
3. Application reference number: COP 2023/01530.
4. Persons using the product to which this Emergency authorisation applies should acquaint themselves with and observe all requirements contained in the Regulation (EC) No 1107/2009.
5. The efficacy of the product for which this Emergency authorisation has been granted has not been assessed and, as such, the user bears the risk in respect of failures concerning its efficacy.
6. In this notice Regulation (EC) No 1107/2009 means:
In relation to Great Britain, Regulation (EC) No 1107/2009 as it has effect in Great Britain.

ADVISORY INFORMATION

This Emergency Authorisation relates to the use of 'Redigo M' as a seed treatment for the control of root, stem and ear diseases of sweetcorn caused by various *Fusarium* spp. and damping-off diseases caused by *Pythium* spp. and various fungal pathogens (e.g. *Fusarium* spp., *Rhizoctonia* spp., *Macrophomina phaseolina* and *Penicillium oxalicum*).

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

Total reliance on one pesticide will hasten the development of resistance. Pesticides of different chemical types or alternative control measures should be included in the planned programme. Alternating with different modes of action is a recognised anti-resistance strategy.

IMPORTANT: Note that goods treated under the terms of this GB authorisation can be legally marketed in Northern Ireland if they are being moved under the Northern Ireland Retail Movement Scheme. All other treated goods can only be marketed in Northern Ireland if they are in accordance with the statutory EU Maximum Residue Level (MRL) set under Regulation (EC) No 396/2005. This may also apply to residues in animal products where treated crops are fed to livestock. Growers are advised to draw this to the attention of distributors and retailers so that EU MRL breaches and any associated enforcement against goods marketed in Northern Ireland are avoided.

This emergency authorisation will end 30 June 2024 for use.

APPENDIX 1: CONDITIONS OF EMERGENCY AUTHORISATION

The conditions below are obligatory. They must be complied with when the product is placed on the market and used pursuant to this Emergency authorisation. Failure to comply with the following conditions is likely to result in the withdrawal or amendment of the emergency authorisation under Regulation (EC) No 1107/2009 and may result in other enforcement action, including prosecution.

Packaging: The product may only be placed on the market by Bayer CropScience Limited in the following containers:

5 to 1000 litre high density polyethylene container.

5 to 1000 litre high density polyethylene/polyamide or high density polyethylene/ethylene vinyl alcohol container.

Use:

Field of use: ONLY AS A SEED TREATMENT

User: Professional

Crops/situations:	Maximum individual dose: (ml product / 100,000 seeds)	Maximum total dose:	Maximum number of treatments: (per batch)	Latest time of application:
Sweetcorn seed	30	-	1	Before drilling

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 clothing (coveralls) and suitable protective gloves when handling the concentrate or handling contaminated surfaces.

- (b) WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT* when handling treated seed and contaminated seed sowing equipment. *Disposable filtering facepiece respiratory to at least EN149 FFP3 or equivalent.
 - (c) Operators must wear suitable protective clothing (coveralls) when bagging treated seed.
- (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) To protect birds and mammals treated seed must be entirely incorporated in the soil; ensure that the product is also fully incorporated at the end of rows.
- (2) To protect birds and mammals treated seed should not be left on the soil surface. Spillages must be collected.
- (3) Treated seed must be precision drilled.
- (4) Treated seed should not be broadcast.

Other specific restrictions:

- (1) This product must only be applied in accordance with the terms of this emergency authorisation, the product label and/or leaflet.
- (2) The maximum sowing density is 60,000 seeds per hectare.
- (3) Seed must be precision drilled to a depth of 2 to 5 cm (broadcasting and aerial spreading of coated seed is forbidden).

- (4) This product must only be applied for the control of root, stem and ear diseases of sweetcorn caused by various *Fusarium* spp. and damping off caused by *Pythium* spp. and various fungal pathogens (e.g. *Fusarium* spp., *Rhizoctonia* spp., *Macrophomina phaseolina* and *Penicillium oxalicum*) in accordance with the terms of this Emergency Authorisation, the product label and/or leaflet and the agreed stewardship document (see Appendix 3).
- (5) Seed coating shall only be performed in professional seed treatment facilities. Those facilities must apply the best available techniques in order to ensure that the release of dust during application to the seed, storage and transport can be minimised.
- (6) Treated seed must not be used for food or feed.
- (7) Sacks containing treated seed must not be re-used for food or feed.
- (8) Returnable containers must not be re-used for any other purpose.
- (9) Returnable containers must be returned to the supplier.
- (10) Stewardship measures specified in Appendix 3 must be followed as a condition of authorisation

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 Regulation (EC) 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 Regulation (EC) No 1107/2009.

APPENDIX 3: STEWARDSHIP

The following table provides a summary of controlled use, with further details of each component provided below.

Component of a strategy for controlled use:	Responsibilities:
Overall stewardship approach	Horticulture Crop Protection UK Limited (HCP)
Communication to industry on authorisation conditions and stewardship approach	HCP with Sweetcorn growers
Product supply and amendments to product label if required	Bayer CropScience Ltd
Seed treatment, supply of treated seed to growers, advice on seed handling and sowing restrictions.	Seed suppliers and professional seed treatment companies
Precision drilling and in-field stewardship of treated seed	Sweetcorn growers and agronomists
Disposal of treated seed	Sweetcorn growers, seed suppliers
Collation of data if required by CRD	Sweetcorn growers for HCP

Overall stewardship approach and communication to industry

Communications to end-users on Emergency Authorisations are generally made via British Growers' Association contact databases and/or through other relevant grower networks (which is more relevant for sweetcorn).

In preparation for this emergency authorisation, the applicant has worked closely with Bayer CropScience Ltd, the UK major sweetcorn grower, a speciality crops agronomist and a professional seed treatment organisation. It is planned that collaboration with these parties would continue for controlled use and stewardship purposes if this authorisation is granted.

Product supply

The route of supply will vary depending on whether seed is treated in France (as done currently) and imported for drilling in England or treated in the UK.

Redigo M is currently authorised for treatment of sweetcorn seed in France, so no specific arrangements are required for this scenario. For seed to be treated in the UK, the intended route of product supply of Redigo M is direct from the authorisation holder (or via relevant distributors) to seed treatment companies. Bayer CropScience Ltd will ensure product label amendments are made if required (e.g. to notify users on maximum planting density).

Seed treatment, supply of treated seed to growers and information on sowing restrictions

- Seed treatment will only be performed in professional seed treatment facilities. These facilities will apply the best available techniques in order to exclude the release of

- dust clouds during storage, transport and application.
- Professional seed treatment facilities should be accredited to ESTA (European Seed Treatment Assurance Scheme) standards and all seed treatment products kept in BASIS-inspected stores.
 - All machinery should be checked according to the National Sprayer Testing Scheme (NSTS).
 - All operators should have a certificate of competence for pesticide application – PA11.

Precision drilling and in-field stewardship of treated seed

Precision drilling of sweetcorn seed to a specified spacing and depth is essential agronomic practice to achieve even plant/cob size, with each plant receiving an even amount of nutrition, sunlight and water. Precision drilling also ensures that seed is less accessible to birds and mammals.

Seed is film coated with the seed treatment. This reduces dust and aids seed flow in the drill. Precision pneumatic seed drills are used which involve a combination of seed coulters and coverers to ensure accurate seed placement and soil coverage. Operators are trained to check frequently for correct depth and adjust the drill accordingly. Seed beds are prepared to produce a fine tilth suitable for the seed. Sweetcorn seed is drilled at a depth of 20-50 mm to ensure there is adequate moisture (with irrigation if required) and even emergence, with some protection from pre-emergence herbicides. Growers will make every effort to drill to the deepest end of this scale (40-50 mm) where conditions allow.

When plastic covers are used, laying plastic is part of the drilling process and the drilled area is covered with the same machine that sows the seed, ensuring minimum exposure time.

No seed is left in the field overnight. Drills are cleaned of seed using vacuum attachments and covered if left in the field for any length of time. Any unused seed is returned to the seed store. Bird scarers could be placed in the field while the crop establishes.