

CLAYTON ERASE

MAPP 13836

Contains 4 % w/w metalaxyl-M and 64 % w/w mancozeb

A water dispersible granule with systemic and protectant properties for the protection of early and maincrop potatoes against foliar blight (*Phytophthora infestans*).



HARMFUL

**Irritating to respiratory system
May cause sensitisation by skin contact
Possible risk of harm to the unborn child**



DANGEROUS FOR THE ENVIRONMENT

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop:	potatoes
Maximum individual dose:	1.9 kg product per ha.
Maximum number of treatments:	three per crop
Latest time of application:	seven days before harvest

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

SAFETY PRECAUTIONS

Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate or when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

Wear suitable protective clothing and gloves.

WASH CONCENTRATE from skin or eyes immediately.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

Environmental protection

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

Consumer protection

DO NOT HARVEST CROPS FOR HUMAN OR ANIMAL CONSUMPTION FOR AT LEAST 7 DAYS AFTER LAST APPLICATION.

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

KEEP OUT OF REACH OF CHILDREN.

DO NOT REUSE CONTAINER for any purpose.

This material and its container must be disposed of in a safe way.

EMPTY CONTAINER COMPLETELY and dispose of safely.

To avoid risks to man and the environment, comply with the instructions for use.
Safety data sheet available for professional user on request.

Clayton Plant Protection (UK) Ltd.
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Contents: **5 kg**
PROTECT FROM FROST
Batch No:

This product is approved under the Control of Pesticides Regulations 1986.

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains mancozeb). UN 3077; Class 9; Packing group III
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Conditions of Supply: all goods supplied by us are of high quality and we believe them to be correct but, as we cannot exercise control over their storage, handling, mixing or use, or weather conditions before, during and after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or resellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

Clayton Erase contains metalaxyl-M and mancozeb. Metalaxyl-M is phenylamide group fungicide. Strains of potato blight have developed which are resistant to phenylamide group fungicides. Guidelines have been established by the Fungicide Resistance Action Group UK to utilise the phenylamide fungicides in the most effective way; these Directions for Use incorporate those guidelines.

If strains of potato blight resistant to metalaxyl-M occur or have developed in the locality, Clayton Erase may not be fully effective and should not be used. Consult your advisor.

POSITION IN THE BLIGHT PROTECTION PROGRAMME

Clayton Erase has systemic and protectant fungicidal properties. Its systemic properties are greatest and best employed on the protection of young foliage. Use on senescent foliage is less effective and such use is not recommended.

- Do not use this product if blight has already infected the crop; use an alternative fungicide with curative properties.
- Do not use Clayton Erase on a potato crop which follows a potato crop on the same ground in the same season.
- Do not apply this product after the end of August.

It is advised that the blight protection spray programme is started with Clayton Erase and continued for no more than three applications (statutory maximum) when an alternative protectant blight fungicide, not containing a phenylamide compound, is introduced.

THE SPRAY PROGRAMME

Irrigated crops: classify irrigated crops as at high risk to blight.

Areas at high risk to blight

First spray

Start the spray programme before any blight appears. Spray immediately if the crop becomes at risk to blight (a blight warning may be issued for the locality), irrespective of the crop stage.

Subsequent sprays

Make two further applications of Clayton Erase at 7-10 day intervals after the first spray.

Severe blight risk situations : spray at 7-day intervals.

High blight risk situations: spray at 10-day intervals.

After no more than three sprays of Clayton Erase complete the spray programme, until haulm desiccation or removal, with an alternative curative blight fungicide applied according to its Directions for Use starting no more than 10 days after the last spray of Clayton Erase.

Areas at low risk to blight

First spray

Start the spray programme before any blight appears. Normally make the first application before the foliage meets in the row when the plants are 15 cm or more high.

Subsequent sprays

Make two further applications of Clayton Erase at 14 day intervals after the first spray. If the risk of blight increases, reassess the situation – refer to **Areas at high risk to blight** above.

After no more than three sprays of Clayton Erase complete the spray programme, until haulm desiccation or removal, with an alternative curative blight fungicide applied according to its Directions for Use starting not more than 10 days after the last spray of Clayton Erase.

Advisory notes

High risk blight situations occur or arise when active blight is present in the area, such as from nearby volunteer potato plants or infected crops, when blight warnings have been issued, when blight susceptible varieties are being grown, in areas of intensive potato cultivation, in irrigated potato crops and under conditions favouring rapid growth of the crop.

The haulm of first and second early crops must be completely destroyed immediately after harvest to prevent it becoming a source of infection to maincrops.

Risk of blight infection rises particularly when there have been two consecutive 24-hour periods during which the minimum temperature is 8-10°C or more and relative humidity is 90% or more for 11 hours in each of the 24 hour periods.

RATE OF APPLICATION

Apply Clayton Erase at 1.9 kg/ha in a minimum 200 l/ha water at each application.

Make no more than three applications of Clayton Erase to any one crop.

APPLICATION

Thorough coverage of the crop leaves is essential for maximum protection. Apply to dry foliage preferably as a FINE spray (BCPC definition) produced at 2-3 bar, but if in tank-mixture with another product, as a MEDIUM spray.

MIXING AND USE

No induction hopper

Introduce at least 15 cm depth of clean water into the sprayer tank and put under agitation. Slowly pour the product granules into the tank through the filling aperture. Fill the tank to the required level with more clean water. Maintain constant agitation whilst filling and during spraying until the mix is sprayed out.

With induction hopper

Introduce clean water into the sprayer tank amounting to about one-sixth of tank volume and put under agitation. Open the induction hopper lower valve; slowly pour the product granules into the induction hopper. Rinse the induction hopper with water when empty to release any retained granules; close the lower valve. Fill the tank to the required level with more clean water. Maintain constant agitation whilst filling and during spraying until the mix is sprayed out.

After use: wash all spray equipment thoroughly with water.

PROCESSED CROPS

Consult processors before using on crops for processing.

SUBSEQUENT CROP MANAGEMENT

On completion of the full blight control programme, apply an approved haulm desiccant and wait at least 10 days after the complete desiccation of leaves and stems before lifting. This is essential for crops to be stored.
