

# CLAYTON KRYPTON MZ

MAPP 14010

Contains 4.5 % w/w cymoxanil and 68 % w/w mancozeb

A wettable powder for the protection of potatoes against foliar blight (*Phytophthora infestans*).



**IRRITANT**

**Irritating to eyes, respiratory system and skin  
May cause sensitisation by skin contact**



**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:** 2 kg product per ha.  
**Maximum number of treatments:** -  
**Latest time of application:** -  
**Other specific restrictions**  
A minimum interval of 7 days must be observed between applications.

**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 AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

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

WASH CONCENTRATE from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

### Environmental protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

### 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.

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.

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Contents: **10 kg**

STORE IN A COOL DRY PLACE ABOVE 5°C  
KEEP AWAY FROM FIRE OR SPARKS

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 Krypton MZ is suitable for the treatment of all varieties of early and main crop potatoes for protection against potato blight (*Phytophthora infestans*). There are no restrictions on subsequent cropping.

### RATE OF APPLICATION

Apply Clayton Krypton MZ at 2 kg/ha in minimum 200 l/ha water at each application.

### WHEN TO SPRAY

#### Areas at high risk to blight

Start the spray programme before any blight appears and before the foliage meets within the rows. Spray immediately if a warning of blight is received before this time or the crop becomes at risk, irrespective of the crop stage. Apply further sprays at 7-14 day intervals until haulm desiccation or removal, using the shorter interval whilst blight conditions prevail.

#### Areas at lower risk to blight

Spray immediately a warning of blight is received and before any blight appears. Apply further sprays at 7-14 day intervals until haulm desiccation or removal, using the shorter interval whilst blight conditions prevail.

#### Irrigated crops

Classify irrigated crops as high blight risks; spray every 7-10 days.

#### Spray interval summary

##### **Crops subject to highest blight challenge/severe risk**

Reduce the spray interval to 7 days

##### **Crops subject to average-high blight challenge and irrigated crops/high risk**

Treat every 10 days; reduce the spray interval to 7 days if the risk of blight increases or exceptionally if rain is forecast for the time of the next scheduled spray.

##### **Crops in areas of low blight risk or challenge**

Treat every 14 days.

**Advisory notes:** high risk blight situations occur or arise when active blight is present in the area, when blight warnings have been issued, when blight susceptible varieties are being



*grown, in areas of intensive potato cultivation, in irrigated potato crops and 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 main crops.*

#### **APPLICATION**

Thorough coverage of the crop leaves is essential for maximum protection. Apply to dry foliage as a MEDIUM spray (BCPC definition).

#### **MIXING AND USE**

Do not attempt to add the product to the spray tank without pre-mixing, conducted as follows: Cream the required quantity of Clayton Krypton MZ with a little water in a clean container. Dilute further with water. With the spray tank already half-filled with water and under agitation, pour the mixture slowly into the spray tank through the filter whilst simultaneously flushing with water. Fill the spray tank with water as required. Maintain constant agitation whilst filling and during spraying until the mix is sprayed out. After use, wash all spray equipment thoroughly with water and a wetting agent using standard procedures.

#### **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.

#### **RESISTANT DISEASE STRAINS**

The repeated use within a local area of fungicides with the same mode of action can result in the dominance of disease strains less sensitive or resistant to that fungicide group. Therefore, whenever possible, spray programmes should include fungicides with differing modes of activity.

#### **IMPORTANT**

**KEEP AWAY FROM FIRE OR SPARKS.**

Once a pack has been opened, use within the same season; product in opened packs may deteriorate and lose efficacy if stored. Do not allow Clayton Krypton MZ to become damp or wet during storage as this may create a flammable vapour hazard.

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