



## CLAYTON XENON

A micro-emulsion formulation containing 60g/L of carfentrazone-ethyl for use as a contact desiccant on all ware and seed potato varieties. MAPP 18278

  	<p>Clayton Xenon contains 60g/L carfentrazone-ethyl in a micro-emulsion formulation</p> <p><b>Signal Word : WARNING</b>  <b>May cause an allergic skin reaction</b>  <b>Very toxic to aquatic life with long lasting effects</b></p> <p>Wear protective gloves/protective clothing/eye protection/face protection          IF ON SKIN: Wash with plenty of soap and water          If skin irritation or rash occurs: Get medical advice/ attention</p> <p>Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste</p> <p><b>To avoid risks to human health and the environment, comply with the instructions for use</b></p>
<p>The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.</p>	

<p><b>Approval Holder</b>  <b>Clayton Plant Protection Ltd.,</b>  <b>Unit F10, Bracetown Business Park</b>  <b>Clonee, Co. Meath. Ireland</b>          Tel: (00 353) 1 8210127          www.cpp.ag          Email: info@cpp.ag</p> <p><b>Marketing company in UK</b>  <b>Clayton Plant Protection (UK) Ltd.</b>          Address and telephone as above.</p>	<p><b>Contents:</b> xxx e</p> <p><b>UN3082</b></p> <p>Batch No: <i>*see footnote</i></p>
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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.

*\* Clayton batch numbers have complete traceability back to the original manufacturer's batch numbers and are available to CRD on request. Clayton Xenon with MAPP number 18278 has been confirmed by CRD to be identical to the reference product MAPP No: 17241.*

<b>IMPORTANT INFORMATION : FOR USE ONLY AS A PROFESSIONAL HERBICIDE</b>				
Crops/ situations:	Maximum individual dose: (L/ha)	Maximum total dose: (L/ha )	Maximum number of treatments:	Latest time of application:
Potato	1	1.6	-	7 days before harvest)
<b>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</b>				

## **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 CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate

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

AVOID ALL CONTACT WITH SKIN

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

WHEN USING DO NOT EAT DRINK OR SMOKE

### **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

### **Storage and disposal**

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

KEEP OUT OF REACH OF CHILDREN

KEEP AWAY FROM FOOD DRINK AND ANIMAL FEEDING STUFFS

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

### **Restrictions**

Do not leave the diluted product in the tank overnight

Clayton Xenon should not be applied through knapsack sprayers

Because some non-target plants are sensitive to Clayton Xenon, avoid spray drift onto broad-leaved crops outside the target area.

## **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 Xenon is a contact desiccant and therefore needs good coverage to optimise efficacy.

Clayton Xenon also works on leaves when crops are senescing. It is safe to use on all soil types in either dry conditions or before rain is forecast.

## **POTATOES**

### **TIMING :**

Apply Clayton Xenon at the onset of senescence. For crops with very vigorous haulm or where regrowth occurs following a single application a second application may be necessary to achieve satisfactory desiccation. This may be the case for certain main-crop varieties, especially Maris Piper, because of inherent vigour.

A minimum interval between applications of 7 days should be observed to achieve optimum performance. Allow at least 14-21 days between the final application and lifting to allow skins to set if tubers are to be stored.

**Flailed Crops:** Crops should be flailed when tubers have reached the desired size and sprayed with Clayton Xenon ensuring that the flailed haulm is not covering the stems that remain. Efficacy will be reduced where flailed haulm covers the stems at application.

### **DOSE :**

**Seed and ware crops:** The recommended dose of Clayton Xenon is 1.0 L product/ha. When a second application is made this must not exceed 0.6 L product/ha.

Consult processors before using on early and second early varieties.

**VOLUME OF WATER AND SPRAY PRESSURE :**

Apply Clayton Xenon in 300 to 600 L of water per hectare (use a higher water volume where potato foliage is dense) and at a minimum spray pressure of 3 Bar. A MEDIUM spray quality should be used (as defined by BCPC). Do not apply via knapsack sprayer.

**Spray criteria – Desiccation**

As Clayton Xenon acts by contact action only it is important to follow the application parameters stated below if optimum desiccation is to be achieved.

- Application using a well maintained and calibrated sprayer.
- Volume of water adjusted to the density of foliage (300 - 600 L/ha).
- Pressure and forward speed adjusted to obtain the best penetration of the product into the foliage.

**SUCCEEDING AND REPLACEMENT CROPS**

There is no restriction on the planting of any succeeding crop 1 month after the application of Clayton Xenon.

**MIXING SHAKE WELL BEFORE USE**

Half fill the spray tank with clean water. Commence agitation. Steadily pour the required amount of Clayton Xenon into the spray tank or induction bowl.

Ensure all product has thoroughly mixed with the water and no traces are present in the induction bowl. Complete filling of the spray tank and maintain agitation until spraying is complete.

**SPRAY TANK CLEAN-OUT**

To avoid potential damage to other crops thoroughly clean all spray equipment (including inside and outside of the lid) using clean water :

1. Immediately after spraying of Clayton Xenon, drain tank completely. Any contamination of the outside of the spraying equipment should be removed by washing with water to which should be added a commercially available cleaning agent.
2. Rinse the inside of the tank with clean water, to which should be added a commercially available cleaning agent and flush through the boom and hoses using at least one tenth of the spray tank volume. Drain tank completely. Repeat operation.
3. Do not contaminate surface waters or ditches with rinse water or empty containers.

**DISPOSAL OF EMPTY PACKAGING AND SURPLUS PRODUCT AFTER TREATMENT**

The empty packaging which contained this product must be rinsed with water using a manual system (three successive rinsing procedures), or by using a system of washing with water under pressure.

The water used for cleaning must be returned into the spray tank.

The packaging must be removed by the user to an assembly point established for this purpose.

Dilute any surplus product left after treatment by about 10 times, and spray it on the area already treated in accordance with the instructions for use.

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