



# CLAYTON SMELTER

Contains 960 g/l S-metolachlor in an emulsifiable concentrate for the control of certain annual broad-leaved weeds and grasses in forage and grain maize MAPP 14937

  	<p>Clayton Smelter contains 960g/L metolachlor in an emulsifiable concentrate</p> <p><b>MAY CAUSE AN ALLERGIC SKIN REACTION</b>  <b>CAUSES SERIOUS EYE IRRITATION VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS</b></p> <p><b>Keep out of reach of children</b>  <b>Wear protective gloves, protective clothing and eye/face protection,</b>  <b>IF ON SKIN, wash with plenty of soap and water</b>  <b>IF IN EYES, rinse carefully with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.</b></p> <p><b>Collect spillage</b>  <b>Dispose of contents/container to a licensed hazardous waste disposal contractor or collection centre except for empty clean containers which can be disposed of as non-hazardous waste.</b></p> <p><b>To avoid risks to human health and the environment comply with the instructions for use.</b></p>
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The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.

<b>IMPORTANT INFORMATION : FOR USE ONLY AS AN AGRICULTURAL HERBICIDE</b>			
Crop	Maximum individual dose of product	Maximum number of treatments	Latest time of application
Forage maize Grain maize	1.4 l/ha	One per crop	Pre-emergence
<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.

WEAR SUITABLE PROTECTIVE GLOVES 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 SPLASHES from skin 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. This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years. DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing water body, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application.

DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing water body. Aim spray away from water.



### Storage and disposal

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.

DO NOT RE-USE CONTAINER for any purpose.

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

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 the container safely.

This product is approved under the Plant Protection Products Regulations (as amended).

**Clayton Plant Protection (UK) Ltd.,  
Unit F10, Bracetown Business Park  
Clonee, Co. Meath  
Ireland.**

**Contents: 1 – 5 litres e  
PROTECT FROM FROST  
SHAKE THOROUGHLY BEFORE USE**

Tel: (00 353) 1 8210127

Batch No:

**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.**

#### ACTIVITY

Clayton Smelter is active against a range of broad-leaved weeds and grasses following root uptake. Adequate soil moisture is a pre-requisite for uptake. Forage maize and grain maize of all current commercial varieties on all mineral soil types with up to 5 % organic matter are suitable for treatment. Activity decreases progressively with rising soil organic matter above 5%. Clayton Smelter is usually rain-fast within 1 hour.

#### TIME OF APPLICATION

Stage for crop	Stage for weeds	Remarks
Post-drilling but pre-emergence of the crop. Clayton Smelter must not be applied at the point of crop emergence.	Spray pre-emergence to the point of emergence of weeds.	A fine, firm, moist seedbed is essential for good weed control. Spray when the soil is moist or rain is expected shortly.

#### RATE OF APPLICATION

Apply Clayton Smelter at 1.4 l/ha in all situations. Additional adjuvant is not required or recommended.

#### APPLICATION

Apply as a MEDIUM spray (BCPC) through a correctly adjusted and calibrated conventional hydraulic sprayer in 200-400 l/ha water; the water volume being varied as necessary to achieve good coverage of the soil surface. Spray accurately to avoid overlapping spray swaths. Avoid spray drift.

#### MIXING

Ensure that the spray equipment is clean before use. Fill the spray tank half-full with clean water and put under agitation. Thoroughly shake the product in its container before opening. Add the required amount of Clayton Smelter to the water. Fill the tank with water to the level required and keep the mixture under agitation until completion of spraying. Spray immediately after mixing. Do not allow mixed spray to stand in the spray tank.

#### CULTIVATIONS

Avoid cultivations after application; soil disturbance after application will only encourage fresh weed germination.

#### UNDER-SOWING

Crops intended for under-sowing must not be treated with Clayton Smelter.

## WEED CONTROL

The susceptibility of weeds under good conditions is indicated below. Weed control may be reduced when growing conditions are less than optimal, particularly when the soil is dry.

Chickweed, common	MS
Cockspar grass	MS
Deadnettle, red	S
Fat-hen	MS
Field-speedwell, common	S
Mayweed spp.	S
Meadow-grass, annual	S
Nightshade, black	MR
Redshank	R
Sow-thistle	S

S = Susceptible    MS = Moderately susceptible    MR = Moderately resistant    R = Resistant

## COMPATIBILITY AND TREATMENTS IN SEQUENCE

Clayton Smelter is physically compatible for co-application with certain approved pesticides. Please contact your distributor for further information. When tank-mixing follow the Directions for Use of the other product to be applied in the tank-mix together with those of this label. Mix each product separately in the spray tank. Disperse Clayton Smelter in the spray tank first.

## SUCCEEDING CROPS

There are no restrictions on succeeding crops following normal harvest of the treated crop.

## CLEANING OF SPRAYER

Susceptible crops may be damaged by traces of S-metolachlor left in the sprayer when the equipment is used later. Immediately after use, thoroughly clean the sprayer inside and outside with water, employing at least 10 % of the tank volume of water together with a cleaning agent recommended for the cleaning of spraying machines. After flushing through the hoses and booms, drain the entire system. Repeat the rinsing and flushing process with a further 10 % of spray tank volume of water. Finally, fill with clean water and leave overnight before emptying. Allow to dry before storage.