



CLAYTON FAIZE

Contains 70 g/l mesotrione and 330 g/l terbuthylazine in a suspension concentrate.
A herbicide for the control of certain annual broad-leaved weeds and annual meadow-grass in forage and grain maize.
MAPP 13810

	<p>Clayton Faize contains mesotrione and terbuthylazine in a suspension concentrate</p> <p>WARNING Harmful if swallowed. Very toxic to aquatic life with long lasting effects. Keep out of reach of children. Wash hands thoroughly after use. Do not eat, drink or smoke when using this product. IF SWALLOWED: Call a POISON CENTRE or doctor/ physician if you feel unwell.</p>
	<p>Collect spillage. 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>The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.</p> <p>To avoid risks to human health and the environment, comply with the instructions for use.</p>

IMPORTANT INFORMATION : FOR USE ONLY AS AN AGRICULTURAL HERBICIDE			
Crop	Maximum individual dose of product	Maximum number of treatments	Latest time of application
Forage maize	1.5 l/ha	One per crop	8 leaves unfolded GS 18
Grain maize	1.5 l/ha	One per crop	8 leaves unfolded GS 18

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.

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

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.

Use appropriate containment to avoid environmental contamination.

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 1 metre 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 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.

DO NOT RE-USE CONTAINER for any purpose.

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.

Clayton Plant Protection (UK) Ltd., Unit F10, Bracetown Business Park Clonee, Co. Meath Ireland Tel: (00 353) 1 8210127 www.cpp.ag Email: info@cpp.ag Approval Holder: Clayton Plant Protection Ltd. Address and telephone as above.	Contents: 5 Litres e STORE IN A COOL, DRY PLACE PROTECT FROM FROST Batch No: *see footnote UN3082
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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 Faize with MAPP number 13810 has been confirmed by CRD to be identical to the reference product MAPP No: 12405.

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 Faize controls annual meadow-grass and certain broad-leaved weeds commonly found in crops of forage and grain maize. Uptake is by both foliar absorption and absorption from the soil solution.

DO NOT USE on maize seed crops or on sweetcorn varieties.

SOILS

Do not use Clayton Faize on *Sands* or *Very Light* soils (Soil Texture 85 System).

Residual activity is reduced on soils containing 10 % or more organic matter. A firm, fine seedbed is essential for optimum residual weed control. Adequate moisture is necessary to activate the herbicide in the surface soil. Efficacy will be reduced when the soil is dry.

RECOMMENDATIONS

For forage and grain maize.

Target weeds	Dose	Period of application for crop
Susceptible broad-leaved weeds – see WEED CONTROL	1 l/ha	When the crop has between 2 and 8 unfolded leaves inclusive; ideally 2 – 6 leaves unfolded.
Annual meadow-grass	1.5 l/ha	

TIME OF SPRAYING FOR OPTIMUM WEED CONTROL

- ◆ When the weeds have germinated.
- ◆ When the weeds are young seedlings.
- ◆ When the weather is warm and the soil is moist, encouraging active weed growth.
- ◆ When crop competition is vigorous.

CROP, SOIL AND WEATHER FACTORS

- ◆ Do not apply during periods of cold weather, frost or snow or if cold weather has been forecast.
- ◆ Do not apply to crops under stress during hot weather.
- ◆ Do not apply to wet foliage or if rain is forecast. At least 1 hour free of rain is required after application for the spray to become rain-fast. Very heavy rain in the early period following application might result in some leaf yellowing; this is normally short-lived and without permanent effect on the crop.
- ◆ Do not apply to crops under any growing stress such as drought, water logging, physical damage, pesticide toxicity, improper nutrition or other disorder until the stresses have been relieved.
- ◆ Avoid application whilst wide day and night temperature fluctuations are occurring.
- ◆ If crops are treated whilst under any stress, they may react by displaying a temporary yellowing, normally without effect on yield.

WEED CONTROL

Weed control achieved, under good conditions for application and growth, within the stated weed stages.

At 1 l/ha	Weed stage	At 1.5 l/ha	Weed stage
Black-bindweed	Cotyledons up to 8 true-leaves	Meadow-grass, annual	One leaf up to 3 tillers
Bur-marigold	Cotyledons up to 8 true-leaves	Cockspur/Barnyard grass	One leaf up to 3 tillers
Chickweed, common	Cotyledons up to first flower	Finger-grass, hairy	1-3 leaves
Deadnettle, red	Cotyledons up to 8 true-leaves		
Fat-hen	Cotyledons up to first flower		
Field-speedwell, common	Cotyledons up to 4 true-leaves		
Field-speedwell, green	Cotyledons up to 4 true-leaves		
Forget-me-not, field	Cotyledons up to 4 true-leaves		
Hempnettle, common	Cotyledons up to 4 true-leaves		
Knotgrass (MR)	Cotyledons up to 8 true-leaves		
Mayweed, scented	Cotyledons up to 6 true-leaves		
Nightshade, black	Cotyledons up to 6 true-leaves		
Orache, common	Cotyledons up to 8 true-leaves		
Pansy, field	Cotyledons up to 8 true-leaves		
Penny-cress, field	Cotyledons up to 8 true-leaves		
Persicaria, pale	Cotyledons up to 8 true-leaves		
Redshank	Cotyledons up to 8 true-leaves		
Shepherd's-purse	Cotyledons up to first flower		

MR = Moderately resistant

WEED RESISTANCE STRATEGY

Clayton Faize contains mesotrione and terbuthylazine. Mesotrione is a 4-HPPD inhibitor that disrupts the development of plant pigments. Terbuthylazine is a photosystem II inhibitor that inhibits photosynthesis. A reduced level of weed control may be attained if weeds with a degree of resistance to these classes of herbicides occur. If forage maize is grown in successive years on the same area of land, avoid the use of Clayton Faize in more than two consecutive years. Where possible introduce alternative herbicides with different modes of action to avoid or delay the development of resistant weeds.

APPLICATION

Apply the recommended dose in 200-300 l/ha water as a MEDIUM (BCPC) spray at 2-3 bar through a conventional hydraulic sprayer. When the weeds are small and the weed burden is not heavy, 200 l/ha spray volume will give the best results. Use the highest spray volume, 300 l/ha, only in the most dense crops or when weeds are numerous or large. Spray accurately with a correctly adjusted and calibrated sprayer to achieve the maximum even coverage of the weeds with the spray. Take extreme care to avoid spray drift onto nearby crops and into the general environment. Do not spray in windy weather. Do not overlap spray swaths.

SPRAY DRIFT AND SOIL CONTAMINATION

Take extreme care to avoid contaminating or allowing spray to drift onto any susceptible broad-leaved crop, such as tomatoes, lettuce, oilseed rape, vegetables, turnips, swedes, sugar beet, peas, beans, glasshouse crops, fruit and ornamentals etc. or land to be planted with such susceptible crops, otherwise crop damage will result. Avoid damage by drift onto broad-leaved plants outside the target area or onto ponds, waterways or ditches. Do not spray in windy conditions. Disposal of spray tank washings should be in accordance with the 'Code of Practice for the Safe Use of Pesticides on Farms and Holdings' (DEFRA/HSE).

SPRAY MIXING

Invert the product container several times and shake thoroughly before pouring. Half-fill the spray tank with clean water and put under agitation. Slowly add the required amount of Clayton Faize through the filling aperture. ***Rinse the empty container thoroughly*** using an integrated pressure rinsing device or manually rinsing three times. Add the washings to the sprayer at the time of filling; dispose of the container safely. Top up the tank with water and keep under agitation until sprayed out. Do not allow mixed spray to stand for long periods, e.g. overnight.

COMPATIBILITY

The addition of any adjuvant, sticker or wetting agent is neither required nor recommended; do not mix with any adjuvant. Clayton Faize 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.

CULTIVATIONS

It is advisable to complete all cultivations well before any application of Clayton Faize as cultivations tend to induce fresh weed germination. Do not cultivate crops for at least 7 days before or after treatment.

UNDERSOWN CROPS

Do not treat crops to be undersown with any other crop.

FOLLOWING CROPS

Plough the land at least 15cm deep as the primary cultivation before re-cropping. Minor but normally transient effects might be seen on a permitted following crop.

Forage maize may be re-sown at any time after an application of Clayton Faize following the stipulated cultivations. Following normal-term harvest, winter wheat, durum wheat, winter barley and the rye-grasses may be sown in the autumn of the harvest year. Oilseed rape may be sown but it is necessary to deep plough, more than 15 cm deep, followed by cultivation before its sowing. Normally an interval at least 12 weeks should be allowed between application and the sowing of one of the permissible autumn crops but if the intervening period has been dry this interval should be extended to at least 14 weeks.

Only maize, spring wheat, spring barley and the rye-grasses may be sown in the following spring. Spinach, sugar beet, fodder beet, peas, beans, lettuce and cabbages are more susceptible and should not be sown in the year following an application.

EQUIPMENT MAINTENANCE

Immediately after use wash the spraying machine and all utensils thoroughly with clean water and a wetting agent recommended for the cleaning of application equipment. It is essential to remove all traces of herbicide from the sprayer. Wash the inside of the tank with clean water using at least 10% of tank volume. Pump out through the spray lines and drain the tank fully. Repeat the procedure before allowing the equipment to dry.
