

Clayton El Nino

MAPP 17337

A suspension concentrate containing 500g/L Diflufenican as a suspension concentrate

Clayton El Nino is a herbicide for the control of broad-leaved weeds in wheat, barley, rye, durum wheat and tricale.



Warning

Very toxic to aquatic life with long lasting effects
Contains Diflufenican and 1,2-benzisothiazol-3(2H)- one.
May produce an allergic skin reaction.

Keep out of reach of children

Dispose of contents/container to a licensed hazardous waste disposal contractor or a collection site except for empty, clean containers which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

**NET CONTENTS: 5
Litres e**

Distributed by:

Clayton Plant Protection
Bracetown Business Park
Clonee, Dublin 15, Ireland.
Tel: +353 1 821 0127 email:
info@claytonpp.com

Protect from frost
Store above 5°C Keep
away from food, drink
and animal feed

Ensure adequate
ventilation in working area

IMPORTANT INFORMATION

For use only as a professional agricultural herbicide

Maximum Buffer	Maximum Dose (Litres product)	Latest time of application (Litres product per hectare/crop)	Aquatic Crop	Individual total dose (metres)	Zone per hectare)
Wheat, the year	0.25	0.25	Before end of harvest	6	Barley, wheat
OR					
Wheat, Barley	0.20	0.20	Pre-emergence	6	triticale
Rye and	0.20	0.20	Pre-emergence	6	triticale

Other Specific Restrictions:

This product must not be applied via hand-held equipment.

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

WASH CONCENTRATE FROM skin or eyes immediately.

AVOID ALL CONTACT BY MOUTH DO

NOT BREATHE SPRAY

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

Environmental Protection

To protect aquatic organisms, respect an unsprayed buffer zone to surface water bodies as specified for the crop.

HORIZONTAL BOOM SPRAYERS MUST BE FITTED WITH THREE STAR DRIFT REDUCING TECHNOLOGY FOR ALL USES.

Low drift spraying equipment must be operated according to the specific conditions stated in the official three star rating for that equipment as published on HSE Chemicals Regulation Directorate's website. Maintain three star operating conditions until 30m from the top of a bank of any surface water bodies.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within the distance specified for the crop to the top of the bank of a static or flowing water body, or within 1m of the top of a ditch which is dry at the time of application.

Aim spray away from water.

NOTE: BUFFER ZONES OF MORE THAN 5M CANNOT BE REDUCED UNDER THE LOCAL ENVIRONMENTAL RISK ASSESSMENT FOR PESTICIDES (LERAP) SCHEME).

The statutory buffer zone must be maintained and the distance recorded in Section A of the LERAP record form. The LERAP record form must be kept available for three years. **Storage**

and Disposal

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

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

DO NOT RE-USE container for any purpose.

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 EL NINO is a selective residual herbicide for use in wheat, barley, durum wheat, rye and triticale.

Restrictions

DO NOT apply if crop is stressed due to water logging, drought, nutrient deficiency or pest infestation.

DO NOT apply during prolonged periods of frosty weather. Frost following application may cause crop damage.

DO NOT apply if heavy rain is expected within 4 hours.

DO NOT overlap spray swaths.

Crops may suffer some transient damage such as bleaching which is normally outgrown without effecting yield.

DO NOT direct drill autumn sown broad-leaved crops following application of **CLAYTON EL NINO** in the previous crop.

DO NOT treat broadcast crops.

DO NOT roll autumn treated crops until the spring.

DO NOT harrow the crop at any time following application.

DO NOT apply to soils with greater than 10% organic matter. DO NOT treat undersown cereals or those due to be undersown.

Weed Control

Application should be made pre-emergence.

CLAYTON EL NINO is effective against the following weeds:

Charlock

Ivy leaved speedwell

Common poppy

Parsley piert

Corn spurrey
Red dead nettle
Field forget-me-not
Shepherd's purse
Field mouse ear
Treacle mustard
Flixweed
Volunteer oilseed rape
Henbit dead nettle
Wild radish

Effectiveness using three star drift reduction technologies may be reduced.

Crop Specific Information

Pre or post emergence use on winter wheat, winter barley and spring barley, early post emergence on durum wheat and post emergence on spring wheat. Use pre emergence on rye and triticale.

Do not treat undersown cereals or those due to be undersown. Avoid spray drift onto neighbouring crops.

Rate of use and timing

Apply **CLAYTON EL NINO** at 0.25 L/ha pre or post crop emergence, up to the end of February on winter wheat, winter barley and spring barley. Alternatively, a lower dose of 0.2 L/ha may be applied before 2nd node detectable (GS32) on winter wheat (excluding durum wheat), winter barley and spring barley.

Apply CLAYTON EL NINO at 0.25 L/ha post-crop emergence up to the end of February on durum wheat.

Use on spring wheat post-emergence is allowed up to the end of February at the dose of 0.25L/ha or at the lower dose of 0.2L/ha before 2nd node detectable stage (GS32).

For rye and triticale apply pre-crop emergence.

Water volume Apply as a MEDIUM spray (BCPC) in 200-250 litres water/ha.

Soil Condition

Prepare a firm fine seedbed for best results, with clods no more than fist size. The crop should be sown to the normal depth of 25mm. It is important to ensure that the seed is well covered. Good weed control depends on burying and dispersing any trash or burnt straw before or during seedbed preparation. For best results apply to a moist seedbed. Do not apply to dry, cracked or waterlogged soils.

Do not use on sands (soil texture 85 system) or very gravelly or stony soils due to risk of crop damage.

Following crops

Plough to 150mm and thoroughly mix the soil before drilling or planting any following crops (either after crop failure or normal harvest).

CROP FAILURE:

If a crop fails for any reason, only re-drill with winter wheat or winter barley after ploughing. A period of 12 weeks must lapse after ploughing before spring crops of wheat, barley, oilseed rape, peas, field beans, sugar beet, potatoes, carrots, edible brassicas or onions may be drilled.

NORMAL HARVEST:

In the autumn following normal harvest, only drill winter cereals, oilseed rape, field beans, leaf brassicas, sugar beet seed crops and winter onions. In the spring following normal harvest, only the spring crops listed above (under 'CROP FAILURE') can be drilled.

Occasionally seedlings of brassica crops may exhibit slight discolouration of the cotyledons, which is normally outgrown without affecting subsequent growth.

Where diflufenican containing products are applied to successive cereal crops, levels of diflufenican will build up in the soil. Even when ploughing to 150mm and thorough mixing of the soil, there may still be a risk of damage to following crops of onions, leeks, other allium crops and clover. As a precaution, users who rent out their land to growers of these crops should not use diflufenican containing products in successive years before renting out that land.

Mixing and application

Ensure the sprayer is clean and in good working order. Calibrate according to the sprayer manufacturers recommendations.

Half fill the spray tank with clean water and begin agitation. Add the required quantity of **CLAYTON EL NINO** to the tank and complete filling. Continue agitation until spraying is complete.

Do not leave the sprayer standing with the spray mixture in it for a long period of time. Wash out the sprayer thoroughly after use, using a wetting agent or proprietary tank cleaner.

Conditions of Supply

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or 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 re-sellers 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.