

BASILICO

MAPP 18028



CONTAINS 100 G/L (9.1% W/W) MESOTRIONE AS A SUSPENSION CONCENTRATE FORMULATION. BASILICO IS A SELECTIVE POST-EMERGENCE HERBICIDE FOR THE CONTROL OF ANNUAL BROAD-LEAVED WEEDS IN FORAGE AND GRAIN MAIZE.

A suspension concentrate formulation containing 100 g/l (9.1% w/w) mesotrione.

**CAUSES SERIOUS EYE IRRITATION
VERY TOXIC TO AQUATIC LIFE WITH LONG-LASTING
EFFECTS**

Keep out of reach of children.

Wear eye protection/face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF eye irritation persists: Get medical advice/attention

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 a non-hazardous waste

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



IMPORTANT INFORMATION: FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops	Maximum individual dose	Maximum number of treatments per crop.	Latest timing of application
Grain and Forage maize	1.5 L/ha	One per crop	8 leaves.

READ THE LABEL AND SAFETY PRECAUTIONS BEFORE USING. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTANT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS



This product label is compliant with the CPA Voluntary Initiative (VI) guidance

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(contains Mesotrione). UN 3082; Class 9; Packing group III.

APPROVAL HOLDER AND MARKETING COMPANY: Life Scientific Limited, NovaUCD, Belfield Innovation Park, University College Dublin, Belfield, Dublin 4, Ireland Tel: +353 (0) 1 2832024

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.
FOR 24 HOUR EMERGENCY INFORMATION CONTACT +353 (0) 1 2832024

LABEL VERSION V2 04/17

PROTECT FROM FROST MADE IN EU SHAKE WELL BEFORE USE BATCH NO. NET CONTENTS: 5 LITRES 

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.

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

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

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH SPLASHES from skin immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental Protection

To protect aquatic organisms, respect an unsprayed buffer zone to water bodies in line with LERAP requirements.

DO NOT contaminate water with this product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of a bank of a static or flowing water body unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, nor 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.

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 PSD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

Storage and Disposal

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

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place

EMPTY CONTAINER COMPLETELY and dispose of safely

DIRECTIONS FOR USE

NOTE: These Directions for Use form part of the Approved Product label and must be read before using the product.

BASILICO is a foliar applied herbicide for control of a wide range of annual broad-leaved weeds and Cocksbur grass. For full activity, weeds must be small and actively growing when BASILICO is applied.

RESTRICTIONS

DO NOT use on crops of forage maize or grain maize grown for seed.

DO NOT use on sweet corn varieties of maize.

Do not apply to any crop suffering from stress. Conditions which can cause stress include drought, water-logging, low temperatures, pest or

disease attack, lime or nutrient deficiency and any other factor limiting crop growth. Application under these conditions or when heavy rain follows application may result in mild to moderate chlorosis of the treated leaves but this is usually transient and does not affect final yields.

DO NOT use when crop or weed foliage is wet.

BASILICO is a very active herbicide and care must be taken to avoid drift onto non-target plants or on to surface waters or ditches since this may cause damage.

Activity can be restricted in poor growing conditions or when soil conditions are dry.

After application, thorough cleansing of the application equipment is vital to avoid damage other crops – see below.

Where continuous maize is grown, do not use BASILICO for more than two consecutive seasons.

Take extreme care to avoid drift onto all plants outside the target area.

Resistance

BASILICO is a triketone herbicide with the HRAC mode of action code F2 indicating that it is a 4-HPPD inhibitor which causes disruption of the formation of pigments required for photosynthesis. Thus the leaves of sensitive species exhibit chlorosis. Where strains of weeds with reduced sensitivity to BASILICO develop, weed control may be reduced. To reduce the risk of the development of resistance, BASILICO should be used in herbicide programmes which include herbicides with alternative modes of action either as sequences or as tank-mixtures. A crop rotation in the field allows a wider range of herbicide modes of action to be used and this can further reduce the risk of resistance.

CROP SPECIFIC INFORMATION

Dose: Apply one application of BASILICO at 0.75 L/ha for control of broad-leaved weeds and 1.5 L/ha for control of cocksbur grass (*Echinochloa crus-galli*).

Timing: Apply BASILICO once the weeds have emerged and the crop has two leaves but before the maize exceeds the 8 leaf stage.

WEED CONTROL

Weed species	Dose/ha	Recommended GS
Black nightshade	0.75 L/ha	Up to 10 leaves or 15 cms
Cocksbur grass	1.50 L/ha	Up to 1 tiller
Charlock	0.75 L/ha	Up to flowering
Common amaranth	0.75 L/ha	Up to 8 leaves or 10 cms
Common chickweed	0.75 L/ha	Up to 10 cm diameter
Fat-hen	0.75 L/ha	Up to 12 leaves or 20 cms
Field pansy	0.75 L/ha	Up to 6 leaves
Redshank	0.75 L/ha	Up to 6 leaves or 10 cms
Volunteer oilseed rape	0.75 L/ha	Up to 6 leaves

LERAP
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APPLICATION

Apply BASILICO in 200-300 L water/ha as a MEDIUM spray as defined by BCPC using an application pressure of 2 – 3 bar via a conventional field crop sprayer. DO NOT overlap spray swathes. Where weed cover is especially dense use the higher application volume of 300 L/ha to achieve good coverage of all the target weeds but best activity is achieved on small weeds at the lower recommended volume of application. Even cover of the weeds is essential.

MIXING

An adjuvant system is part of the formulation of BASILICO and so the further addition of adjuvants or tank-mix wetting agents is not recommended.

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly set to give an even application at the correct volume. Half fill the spray tank with clean water. Begin agitation, shake the container of BASILICO and add the required quantity directly to the tank. Add the remainder of the water and agitate the mixture thoroughly before and during spraying. When using a tank-mix, ensure that the BASILICO is fully dispersed in the tank before adding the partner product. Spray immediately after mixing and maintain constant agitation. Do not leave spray liquid in the sprayer for long periods of time (e.g. overnight).

COMPATIBILITY AND SEQUENCES

BASILICO is physically compatible with many maize fungicides, herbicides, insecticides and trace elements but no trials have been conducted to evaluate mixture performance or crop safety. Information on physically compatible mixtures is listed here. When using tank-mixtures with other products, it is important to check the recommendations of the partner products and to ensure that you comply with the conditions of use.

Fungicides:

Comet 200¹ (MAPP 12639, 200 g/l pyraclostrobin)
Opera¹ (MAPP 16420, 50:133 g/l epoxiconazole + pyraclostrobin)

Herbicides:

Butryflow² (MAPP 14056, 402 g/l bromoxynil)
Casper² (MAPP15573, 50:5% w/w dicamba + prosulfuron*
Dow Shield³ 400 (MAPP 14984, 400 g/l clopyralid)
Dual Gold³ (MAPP 14649, 960 g/l S-metolachlor)
Oceal³ (MAPP 15618, 70% w/w dicamba)
Peak³ (MAPP 15521, 75% w/w prosulfuron)*
Samson Extra³ (MAPP 16418, 6% w/w nicosulfuron)
Starane 2³ (MAPP 12018, 200 g/l fluroxypyr)
Stomp 400 SC³ (MAPP 13405, 400 g/l pendimethalin)

* Note, a non-ionic wetter is NOT required when BASILICO is tank-mixed with Peak or Casper

Insecticides:

Aphox³ (MAPP 10515, 50% w/w pirimicarb)
Mavrik³ (MAPP 10612, 240 g/l tau-fluvalinatel)

Trace elements: Add the trace element part of the tank mix last once the other products are fully dispersed. Maintain constant agitation and spray

immediately.

Headland Jett⁷
Headland Maize Micronutrient Complex⁷
Headland Stag⁷
Libspray 211
Nutrel Fastmix K-Man⁸
Nutrel fastmix Manganese⁸
Nutrel fastphyte Complex⁸
Nutrel Fastphyte High K⁸
Nutrel Maxman 400⁹
Nutrel Nutrichel Ca⁸
Nutrel Nutrifast Catalyst⁸
Vital 954
Yara Vita Bortrac⁹
Yara Vita Coptrel 500⁹
Yara Vita Croplif⁹
Yara Vita Liquid Manganese 15%⁹
Yara Vita Magflo 300⁹
Yara Vita Magphos K³
Yara Vita Maize Boost⁹
Yara Vita Mancozin⁹
Yara Vita Mantrac 500⁹
Yara Vita Senphos⁹
Yara Vita Sulphur F3000⁹
Yara Vita Zintrac⁹

Incompatible mixtures:

Nutrel maize Micro Booster⁸
Dursban WG¹ (MAPP 09153, 75% w/w chlorpyrifos)

¹ Trademark of BASF

² Trademark of Nufarm UK

³ Trademark of Syngenta

⁴ Trademark of Dow

⁵ Trademark of Rotam

⁶ Trademark of Adama

⁷ Trademark of Headland

⁸ Trademark of Nutrel

⁹ Trademark of Yara

CLEANING OF APPLICATION EQUIPMENT

Even small traces of BASILICO may cause damage to crops. The application equipment must therefore be thoroughly de-contaminated after application. Immediately after application, rinse the inside of the tank with clean water using at least one tenth of the spray tank volume. After flushing through pump and spray lines, drain and repeat procedure. DO NOT spray onto land intended to be cropped with a sensitive crop. For disposal of washings in the UK, follow the Code of Practice for Using Plant Protection Products (PB 11090).

FOLLOWING CROPS:

Ploughing is recommended prior to re-seeding. Slight crop effects may be seen soon after emergence but these are usually transient. In the event of crop failure, the land can be immediately re-planted with maize. After normal crop harvest winter wheat, durum wheat, winter barley or ryegrass may be drilled in the autumn but before drilling oilseed rape deep

ploughing (deeper than 15 cms) is required before preparation of a seedbed. In the spring following maize harvest forage maize, grain maize, spring wheat or spring barley can be sown but maize treated with BASILICO should not be succeeded in the spring by any other crop

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 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 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.

SAMPLE