

# UK-TEMPLIER-LEAFLET-270g-20151112

## SIZE: 253(W)X128(H)MM

### SAFETY PRECAUTIONS

#### Operator protection

WASH HANDS AND EXPOSED SKIN before eating 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.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application.

This product qualifies for inclusion within the Local Environment 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'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.

Extreme care must be taken to avoid spray drift onto non crop plants outside of the target area

#### Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.  
EMPTY CONTAINER COMPLETELY and dispose of safely.

# TEMPLIER®

Herbicide - MAPP 16866



Templier is a water dispersible granule (WG) containing 750 g/kg of nicosulfuron for the control of annual grass and broad-leaved weeds in forage and grain maize.



#### WARNING

**H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.**

P273: Avoid release into the environment.

P391: Collect spillage.

P501: 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.

**EUH401: To avoid risks to man and the environment, comply with the instructions for use.**

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

For professional use only

Content : **270g**

Batch n° and manufacturing date: see the bottle

#### Marketing company :

**Rotam Europe Ltd**  
Hamilton House  
Mabledon Place  
London WC1H 9BB – UK



© Registered trademark of ROTAM

Open here ➤

### IMPORTANT INFORMATION

**FOR USE ONLY AS A HERBICIDE**

**Crops:** Forage and Grain Maize

**Maximum individual dose:** 54 g/ha

**Maximum number of treatments:** One per crop

**Latest time of application:** Up to and including 8 true leaf stage (BBCH 12-18)

#### OTHER SPECIFIC RESTRICTIONS:

To avoid the build-up of resistance do not apply this or any other product containing an ALS inhibitor herbicide with claims for control of grass-weeds more than once to any crop.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENSE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS**

In case of emergency phone:

NHS 111: 111 (England and Wales)

NHS 24: 111 (Scotland)

This leaflet/booklet is part of the approved label.

## DIRECTIONS FOR USE

### MODE OF ACTION

Templier contains the active ingredient nicosulfuron, an ALS inhibitor belonging to the group of Sulfonylureas. It is a selective herbicide used for post emergence applications versus key grass and broad-leaved weeds in maize. The main route of uptake for nicosulfuron is via the leaves, and to a lesser extent via the weed roots. Following uptake, the active ingredient is rapidly distributed in the weed plants, after which growth ceases within 2-3 days. The best efficacy is achieved during conditions of rapid weed growth.

**'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'.**

### Weed resistance

Templier contains nicosulfuron which is an ALS inhibitor, HRAC 'Group B'. Products containing ALS inhibitors should not be used as the sole method of weed control in maize crops, in order to prevent the build-up of resistance. Templier should be used in mixture or in sequence with herbicide products with a different mode of action.

Strains of some annual grasses (e.g. black-grass, wild-oats, and Italian rye-grass) have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop adviser or product manufacturer.

Use only as part of a resistance management strategy that includes cultural methods of control and does not use ALS inhibitors as the sole chemical method of grass-weed control.

### Timing and rate of use

Always use TEMPLIER in mixture with an authorised adjuvant containing 50% w/w alkylamine ethoxylate propoxylate, 60% vegetable oil or 50% lecithin oil. Control is reduced without an adjuvant.

Templier is a post-emergence herbicide to be applied between 2 and 8 leaf stage of the maize crop. Target weeds should be emerged at the time of application and actively growing. The optimal timing is an application when the weeds have 2-4 leaves; for couch control 4-6 leaves is the optimal stage.

To ensure the best results it is advised to avoid timings where day and night temperatures differ by more than 20°C. When hot periods of weather prevail, with >25°C during the day, apply the product in the evening. Do not apply when rain is expected within 12 hours after application. Following longer periods of rain leave the crop untreated for at least 1 day before the application is made.

| Crops                    | Weeds                               | Dose rate / ha  | Number of Applications | PHI |
|--------------------------|-------------------------------------|-----------------|------------------------|-----|
| Maize (grain and forage) | Annual grass and broad-leaved weeds | 54 g product/ha | 1                      | -   |

### Preparation of spray solution

Shake the product container thoroughly. Fill the tank up to approximately half of the required volume with clean water and start the agitation. Add the required quantity of Templier to the spray tank then complete the filling with clean water. Continue with agitation until spraying is completed. Always select one large container instead of several small ones. In order to minimize the generation of waste, always calculate the required quantities based on the surface to be treated.

### Application

Apply Templier with conventional boom and nozzle equipment at a water volume of 200-400 l/ha. Apply as a medium quality spray (as defined by BCPC) at a pressure of 2-3 bar (30-45 psi). Use the recommended dose rate. Do not apply when rain is expected within 12 hours after application. Avoid contaminating water surface during preparation of the spray and the tank cleaning operations. Do not re-use or incinerate empty pesticide containers.

### Soil conditions

Templier can be used on light, medium and heavy soil types.

### Crop selectivity

Only apply Templier to maize.

### Weeds controlled

Templier can be used to control the following weeds in maize:

|                       |                                | Susceptibility at 40 g product/ha + authorised adjuvant |
|-----------------------|--------------------------------|---|
| <b>Annual grasses</b> | Cockspur grass                 | S   |
|                       | Italian ryegrass (from seed)   | S   |
|                       | Perennial ryegrass (from seed) | S   |
|                       | Annual meadow-grass            | S   |
|                       | Rough meadow-grass             | S   |
|                       | Foxtail spp                    | S   |
|                       | Hairy finger grass             | S   |

|                                 |                   | Susceptibility at 54 g product/ha authorised adjuvant + |
|---------------------------------|-------------------|---|
| <b>Annual broadleaved weeds</b> | Common Amaranth   | S   |
|                                 | Shepherd's purse  | MS  |
|                                 | Fat hen           | MS  |
|                                 | Cranesbill spp    | S   |
|                                 | Red dead-nettle   | S   |
|                                 | Black bindweed    | MS  |
|                                 | Charlock          | S   |
|                                 | Black nightshade  | MS  |
|                                 | Common chickweed  | S   |
|                                 | Field penny-cress | S   |
|                                 | Field pansy       | S   |
|                                 | Gallant soldier   | MS  |
|                                 | Mayweed spp.      | S   |
|                                 | Corn mint         | S   |
|                                 | Redshank          | MS  |
| Knotgrass                       | MR                |   |
| Pale persicaria                 | MS                |   |

When Templier is applied for control of other weeds some activity against black-grass and wild-oats may be seen.

When used to control other weeds applying at 54 g product/ha will provide a useful level of control of common couch when applied at the 4-6 leaf stage of the couch. Useful level of control of top growth will be seen in the year of application but reduction of growth in the following year has not been established.

#### Restriction

Do not apply to crops which have been treated with organophosphate soil insecticides as crop damage may result.

- Applications should not be made to maize crops that are under stress as crop damage may result. The product should be applied at the recommended rate to a healthy crop.
- Following treatment at growth stage 2-8 true leaves, mild crop yellowing/stunting/loss of vigour may be apparent for 7-14 days. Treated crops will rapidly recover from this and crop yields will not be affected.
- Crop damage may result where spray overlapping occurs. If possible this should be avoided.
- A strategy for managing weed resistance should be adopted as strains of key grass weeds have developed resistance to herbicides, which may result in poor weed control.
- The product should not be used as the only method for grass and broad-leaved weed control in successive maize crops.
- Due to a high level of activity, avoid spray drift onto neighbouring crops as damage may result.
- Do not mix with foliar or liquid fertilisers. In the case of particularly sensitive varieties, e.g. Abraxas, Fjord, Rival and Nancis, some crop damage may be caused from which recovery may not be complete.
- Do not apply Templier in sequence or in tank-mixture with a product containing any other ALS inhibitor.

#### Emergency crop replacement and rotation

In cases of emergency crop replacement ploughing is required before replanting. Winter wheat and winter barley may be sown, after ploughing, in normal crop rotation. All other crops may be sown in the following spring. After a significant drought no oilseed rape or catch crops should be planted. In case of crop failure maize already treated with Templier may be replaced with a following maize crop.

#### Tank cleaning operations

**TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN MAIZE, IMMEDIATELY AFTER SPRAYING TEMPLIER THOROUGHLY CLEAN ALL SPRAY EQUIPMENT, INCLUDING INSIDE AND OUTSIDE OF LID, USING THE FOLLOWING PROCEDURE:**

1. *Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.*
2. *Rinse inside of tank with clean water and flush through boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.*
3. *Half fill tank with clean water and add an appropriate commercial tank cleaner at the recommended rate. Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Again flush the boom and hoses and drain tank completely.*
4. *Nozzles and filters should be removed and cleaned separately with an appropriate commercial tank cleaner*
5. *Rinse the tank with clean water and flush through the boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.*
6. *Dispose of washings safely. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.*

NOTE: If it is not possible to drain the tank completely, step 3 must be repeated before going on to step 4.

#### NOTICE TO BUYER

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, 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 for any damage or injury whatsoever arising from their storage, handling, application or use.

# UK-TEMPLIER-LABEL-270g-20151112

## SIZE: 245(W)X128(H)MM

### SAFETY PRECAUTIONS

#### Operator protection

WASH HANDS AND EXPOSED SKIN before eating 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.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application.

This product qualifies for inclusion within the Local Environment 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'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.

Extreme care must be taken to avoid spray drift onto non crop plants outside of the target area

#### Storage and disposal

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

EMPTY CONTAINER COMPLETELY and dispose of safely.

# TEMPLIER®

Herbicide - MAPP 16866



Templier is a water dispersible granule (WG) containing 750 g/kg of nicosulfuron for the control of annual grass and broad-leaved weeds in forage and grain maize.



#### WARNING

**H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.**

P273: Avoid release into the environment.

P391: Collect spillage.

P501: 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.

**EUH401: To avoid risks to man and the environment, comply with the instructions for use.**

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

For professional use only

**Content : 270g**

Batch n° and manufacturing date: see the bottle

#### Marketing company :

**Rotam Europe Ltd**  
Hamilton House  
Mabledon Place  
London WC1H 9BB – UK



© Registered trademark of ROTAM

### IMPORTANT INFORMATION

#### FOR USE ONLY AS A HERBICIDE

**Crops:** Forage and Grain Maize

**Maximum individual dose:** 54 g/ha

**Maximum number of treatments:** One per crop

**Latest time of application:** Up to and including 8 true leaf stage (BBCH 12-18)

#### OTHER SPECIFIC RESTRICTIONS:

To avoid the build-up of resistance do not apply this or any other product containing an ALS inhibitor herbicide with claims for control of grass-weeds more than once to any crop.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENSE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS**

In case of emergency phone:

NHS 111: 111 (England and Wales)

NHS 24: 111 (Scotland)