

# CROPLINK MAIZEKLEEN

Contains 70 g/l mesotrione and 330 g/l terbuthylazine in a suspension concentrate

A contact and residual herbicide mixture for the control of a range of annual broad-leaved weeds and annual meadow-grass in grain and forage maize including maize grown under plastic.



**FOR PROFESSIONAL USE ONLY**

**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.  
Collect spillage.  
Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed empty clean containers which can be disposed of as non-hazardous waste.  
To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.  
Spray must be aimed away from water.

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

Safety data sheet available for professional user on request.

**PCS No. 04598**

#### PRECAUTIONS

Wear suitable protective gloves when handling the concentrate.  
Wash hands and exposed skin before eating and drinking and after work.  
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.  
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.

#### IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

**Crop:** Grain and forage maize  
**Maximum individual dose of product:** 1.5 l/ha  
**Maximum number of treatments:** One per crop  
**Latest time of application:** 8 leaves unfolded GS 18

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

#### PROTECT FROM FROST

##### 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 of 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 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.

#### SHAKE THOROUGHLY BEFORE USE

Batch no:  
Expiry date:

**CROPLINK**

CROPLINK (IRELAND) LTD.,  
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**Net contents**  
**5 litres e**

L1006302 IREL/01T PPE4047674

## DIRECTIONS FOR USE

Croplink MaizeKleen will control annual meadow-grass and a range of broad-leaved weeds (see WEED CONTROL) for one season under favourable conditions, when applied as directed. It is absorbed by the leaves of weeds and also their by roots. For maximum effect, the weeds must have all germinated at the time of application.

### TREATMENT OF FORAGE MAIZE

Target weeds	Dose	Time of application
Susceptible broad-leaved weeds – see WEED CONTROL	1 l/ha	Spray when the crop has between 2 and 8 unfolded leaves inclusive; ideally 2 – 6 leaves unfolded. For best results, spray when the weeds have germinated and are still in the young seedling stage.
Annual meadow-grass	1.5 l/ha	

### SOIL CONDITIONS

Do not use Croplink MaizeKleen on Sands or Very Light soils (Soil Texture 85 System). The residual effect of Croplink MaizeKleen is reduced on soils containing 10 % or more organic matter. For best results apply to a fine, firm, moist soil, free of clods.

### WEATHER CONDITIONS

Apply when the weather is warm, promoting active weed growth. Rain following application will improve weed control, whereas exceptionally dry weather following application may reduce it. Do not apply during periods of cold weather or if cold weather has been forecast. Avoid application whilst wide day and night temperature fluctuations are occurring. Do not apply to crops under stress during hot weather. Do not apply to wet foliage or if rain is forecast.

### STRESS FACTORS

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. If crops are treated whilst under any stress, they may react by displaying a temporary yellowing, normally without effect on yield.

### GENERAL CONDITIONS

Do not cultivate crops for at least 7 days before or after treatment. Complete all cultivations well before any application of Croplink MaizeKleen as cultivations tend to induce fresh weed germination. Do not treat crops being undersown with any other crop. Croplink MaizeKleen is not approved for use on grain maize, on maize seed crops or on sweetcorn varieties.

### WEED CONTROL

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

Weed	Dose rate l/ha	Weed growth stage
Fat hen	1.0	Up to GS 20
Common chickweed	1.0	Up to GS 25-30
Black nightshade	1.0	Up to 6 leaves
Field pansy	1.0	Up to 10 leaves
<b>Moderate control</b>		
Annual meadow grass	1.5	Emergence up to mid tiller

### CROPS

For use only as a herbicide for the control of weeds in forage and grain maize including maize crops grown under plastic. Forage and grain maize may be sprayed pre-emergence on crops grown under plastic.

### WEED RESISTANCE STRATEGY

Croplink MaizeKleen 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 Croplink MaizeKleen 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. Avoid spray drift onto nearby crops. Do not spray in windy weather. Do not overlap spray swaths.

### SPRAY MIXING

Shake the container thoroughly before pouring. Part-fill the spray tank with clean water and put under agitation. Mix in the required volume of Croplink MaizeKleen through the top filter or filling device. 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. Wash all utensils thoroughly after use.

### COMPATIBILITY

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

### 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 approved practice.

### 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 Croplink MaizeKleen 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. 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.