

TARGA SUPER

A herbicide for the control of annual and perennial grass weeds in oilseed rape, beet crops, mangel and potato.

IMPORTANT INFORMATION – FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Contains 50 g/l (5.22 % w/w) quizalofop-P-ethyl as an emulsifiable concentrate.

DANGER

- H332** Harmful if inhaled
H304 May be fatal if swallowed and enters airways
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
P273 Avoid release to 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

EUH066 Repeated exposure may cause skin dryness or cracking

EUH401 To avoid risks to human health and the environment comply with the instructions for use

WASH SPLASHES from skin and eyes immediately. WASH HANDS AND EXPOSED SKIN before eating and drinking, and after work. WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves. WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

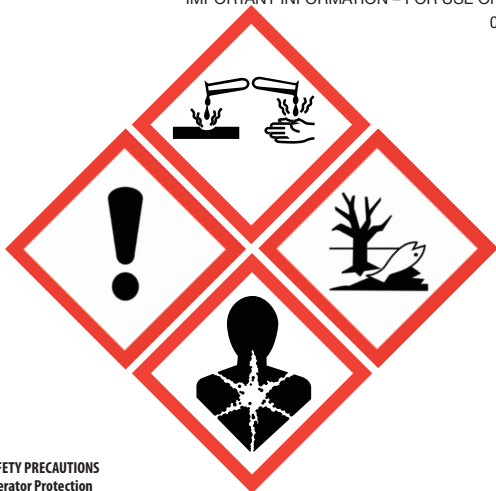
Environmental Protection

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.

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. RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing 3 times. Add washings to sprayer at time of filling and dispose of safely. This container must not be reused. KEEP AWAY FROM FOOD DRINK AND ANIMAL FEEDING STUFFS. KEEP OUT OF REACH OF CHILDREN. DO NOT REUSE CONTAINER for any purpose.



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 CLOTHING (COVERALLS), 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.

Crop	Maximum individual dose	Maximum number of treatments/crops	Latest time of application
Oilseed rape	2.5 l/ha	One	13 weeks before harvest
Sugar beet, fodder beet, red beet, mangel	2.5 l/ha	One	16 weeks before harvest
Potato (not seed)	2.0 l/ha	One	7 weeks before harvest

Other specific restrictions: To avoid the build up of resistance do not apply products containing an ACCase inhibitor herbicide more than twice to any crop. In addition, do not use this product in mixture or sequence with any other product containing quizalofop-P-ethyl or quizalofop-P-tefuryl. Store well away from seeds, fertilisers and animal feeding stuffs in a safe, dry place designated as an agrochemical store. Protect from frost.

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.



The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work. The label is compliant with the CPA Voluntary Initiative Guidance.

MAPP 17134

Net Contents: 5 lt

Production date: see on bottle

66225-UKBK-01

Approval holder and marketing company
Nissan Chemical Europe Sarl

Parc d'Affaires de Crecy – 10A rue de la Voie Lactée, 69370 St Didier au Mont D'Or,
France. Phone: +33 (0)4 37 64 40 20

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.

TARGA SUPER is a systemic herbicide for control of annual and perennial grass weeds including volunteer cereals after they have emerged in the approved crops. It is rapidly absorbed by the plant and translocated to the growing point resulting in cessation of further growth. If applied when weeds are small and growing, plant death normally occurs within 3-4 weeks but may take longer under cooler conditions.

Grass weeds emerging after spraying will not be controlled. Apply within the recommended growth stages of the weed and crop when the weeds are dry and actively growing. The effects of TARGA SUPER on the long-term control of perennial weeds, such as common couch, has not been fully investigated.

RESTRICTIONS AND WARNINGS

DO NOT use TARGA SUPER in frosty weather or if frost is imminent.

DO NOT tractor hoe beet crops within 21 days of spraying TARGA SUPER or weed control may be reduced.

DO NOT spray TARGA SUPER on crops under stress.

Avoid drift to areas, particularly cereal crops, outside those being sprayed, having due regard to the prevailing weather conditions and spray quality being used.

Consult processors before using on crops grown for processing.

RESISTANCE

This product contains quizalofop-P-ethyl which is an ACCase inhibitor, also classified by the Herbicide Resistance Action Committee as 'Group A'. Some strains of annual grasses, e.g. Blackgrass, Wild oat and Italian ryegrass, 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 (WRAG) 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 ACCase inhibitors as the sole chemical method of grass-weed control.

Applying a second product containing an ACCase inhibitor to a crop will increase the risk of resistance development; only use a second ACCase inhibitor to control different weeds at a different timing.

Key aspects of the TARGA SUPER resistance management strategy are:

- Always follow WRAG guidelines for preventing and managing herbicide resistant weeds.
- Do not use TARGA SUPER or any other ACCase inhibitor as the sole means of grass weed control in successive crops.

- Use grass weed herbicides with different modes of action throughout the cropping rotation.
- Reduce the risk of developing resistance. Applications should be made to young actively growing weeds.
- Use tank/product mixes or sequences of herbicides with different modes of action within individual crops or successive crops.
- Monitor weed control effectiveness and investigate any odd patches of poor grass weed control. If unexplained, contact your agronomist who may consider a resistance test appropriate.
- Use crop rotation and other cultural control measures to prevent and manage herbicide resistant grass weeds.
- TARGA SUPER should not be applied at doses lower than those recommended on the product label.
- Only apply TARGA SUPER once to any crop.

WEED CONTROL

TARGA SUPER has no residual activity. Optimum weed control will only be achieved when all grass weeds have emerged. The timing of application of TARGA SUPER depends on the growth stage of the weeds and crop. Identify the weeds to be controlled and select the appropriate dose from the table below.

Weed	Dose rate	TARGA SUPER Application Timing
Volunteer cereals Wild oat Sterile brome Barley cover crops	0.8 or 1.2 l/ha	Apply from the 2 leaf stage of the weed to the end of tillering. The higher dose rate should be used after the weed has started tillering
Italian ryegrass	1.2 l/ha	Apply from the 2 leaf stage of the weed to the end of tillering. Common couch is moderately susceptible at this dose rate in oilseed rape
Common couch	2.5 l/ha	Apply from the 4-6 leaf stage of the weed when the leaves are approximately 10-15cm tall

TARGA SUPER can contribute to the control of blackgrass as part of a herbicide resistance management strategy, involving mixtures and sequences with herbicides of alternative modes of action. Where resistant biotypes are present control from TARGA SUPER will be unacceptable. Annual Meadow grass is not controlled.

CROP SPECIFIC INFORMATION

All varieties of the following crops may be treated with TARGA SUPER.

Oilseed Rape (Winter and Spring)

Apply TARGA SUPER after the fully expanded cotyledon stage (GS10) of the crop until before the crop covers the weeds. Do not apply another herbicide to oilseed rape crops within 14 days of application.

Sugar Beet, Fodder Beet, Mangel, Red Beet

Apply TARGA SUPER after the crop has two fully expanded true leaves (GS12) and before the crop covers the weeds.

In barley cover crops 1.2 l/ha should be used; if spraying is late and a quick kill is required to avoid competition; the barley is well developed; the cover crop is under moisture stress.

For control of barley cover crops in sugar beet or red beet, spray after the risk of windblow has passed, but before there is serious competition with the crop. Do not apply another herbicide to beet crops within 3 days of application.

Potato (not seed)

Apply TARGA SUPER from the first unfolded crop leaf (GS11) until before the crop canopy covers the weeds.

Do not apply another herbicide to potato crops within 21 days of application.

APPLICATION VOLUME

Apply the recommended dose in a water volume of 200-400 l/ha. Use the higher volume of water for wild oat control and if crop or grass weed cover is dense. A lower water volume of 100 l/ha may be used to control barley cover crops in sugar beet when used as part of a broad leaved weed control low dose/low volume programme.

FOLLOWING CROPS

If a crop treated with TARGA SUPER should fail for any reason, the following intervals must be observed before planting the permitted crops:

TARGA MAX dose	Following crop	Minimum Interval
1.2 l/ha	Broad-leaved crops or cereals	2 weeks
2.5 l/ha	Broad-leaved crops	2 weeks
2.5 l/ha	Cereals	6 weeks
Onions, leeks and maize are not recommended as following crops in a crop failure situation. Following normal harvest of a treated crop, any broad-leaved or cereal crop may be sown		

APPLICATION AND MIXING

TARGA SUPER should be applied as a FINE or MEDIUM quality spray (BCPC category). Good cover of the target weed is essential for good control.

Half-fill the spray tank with clean water and add the required quantity of TARGA SUPER with the agitator operating. Add further water to the required level and continue agitation until spraying is complete.

Immediately after spraying, wash and flush out the sprayer and equipment with water and liquid detergent three times.