

Herbicide

CONVISO® SMART

CONVISO® ONE

A highly active herbicide (a combination of two ALS-inhibiting herbicides) with foliar and some root activity which controls a range of annual broad-leaved weeds and grass weeds in sugar beet and fodder beet carrying the Conviso® Smart brand.

**An oil dispersion containing
50 g/L foramsulfuron and
30 g/L thiencazone-methyl.**

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

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**For 24 hour emergency information
contact Bayer CropScience Ltd
Telephone: 0330 678 3382 (24 hr)**

**National Poisons Information
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professionals only)**

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**ONLY USE
HERBICIDE WITH
CONVISO®
SMART
SEEDS**



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GB88982002c rA5

GROUP 2 HERBICIDE

MAPP 20035 H

Shake Well
Shake Well
Shake Well

CONVISO ONE

UFI: T4V0-30VG-E00D-VS6S

An oil dispersion containing 50 g/L foramsulfuron and 30 g/L thiencarbazone-methyl.

Also contains: Solvent naphtha (petroleum), heavy aromatic, <1% naphthalene

Poly(oxy-L,2-ethanediyl), α -isotrdecyl- ω -methoxy- (CAS No. 1492044-51-5)



Danger

May be fatal if swallowed and enters airways

Causes skin irritation

May cause an allergic skin reaction

Causes serious eye damage

Harmful if inhaled

Suspected of causing cancer

Very toxic to aquatic life with long lasting effects.

Contains Poly(oxy-L,2-ethanediyl), α -isotrdecyl- ω -methoxy- (CAS 1492044-51-5). May cause an allergic skin reaction.

Avoid breathing dust/fumes/gas/mist/vapours/spray

Wear protective gloves/protective clothing/eye

protection/face protection.

Do NOT induce vomiting

IF SWALLOWED: Immediately call a POISON CENTER/ doctor/physician.

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

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 as non-hazardous waste.

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

IMPORTANT INFORMATION FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crop	Maximum individual dose	Maximum number of applications	Latest time of application	Aquatic buffer zone distance
Sugar beet, fodder beet	1.0 L/ha	1	Before 9 leaves unfolded	10 metres

Other specific restrictions:

Conviso One must only be used on Conviso Smart sugar beet or fodder beet hybrids.

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

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.

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

Fodder beet must not be grazed by livestock or harvested for animal consumption until at least 90 days following the last application of Conviso One.

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

PROTECT
FROM FROST
SHAKE WELL
BEFORE USE



To access the Safety Data Sheet for this product scan the code or use the link below:
<https://cropscience.bayer.co.uk/our-products/herbicides/conviso-one>
 or alternatively contact your supplier

Bayer

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

Operators must WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

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

AVOID ALL CONTACT WITH SKIN
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

WHEN USING DO NOT EAT DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.
IF YOU FEEL UNWELL, seek medical advice (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.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 10 metres of the top of the bank of a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water. THIS PRODUCT IS NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. The statutory buffer zone must be maintained and the distance recorded in the LERAP record form. The results of the LERAP must be recorded and kept available for three years to any person entitled to exercise enforcement powers under or in connection with the Plant Protection Products Regulations 2011 or the Plant Protection Products (Sustainable Use) Regulations 2012. (An electronic record will satisfy the requirement for a written record, providing it is similarly available for inspection and can be copied).

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.

PROTECT FROM FROST

SHAKE WELL BEFORE USE

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

DIRECTIONS FOR USE

IMPORTANT: This information is authorised 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.

Use after other Herbicides

Beet crops may be treated with more than one herbicide. In these circumstances it is not always possible to predict the interactions which may occur, and the effects of stresses in such conditions may be more severe.

High Temperatures

It is recommended not to apply Conviso One in the day time when the temperature is above 25°C under conditions of high light intensity and low water supply as these conditions at application can cause phytotoxic symptoms to the crop. If the temperature is, or is likely to be, above 25°C on the day of spraying, application of Conviso One should be made in late afternoon.

Phytotoxic symptoms may also occur if crops are subjected to substantial day to night temperature changes (e.g. more than 20°C), or temperatures below 10°C shortly before or after spraying, especially in conjunction with continuous rain.

Insect Attack

If the crop is damaged by insects, e.g. mangel fly, pygmy mangel beetle or flea beetle, Conviso One may cause a check from which the crop may not fully recover.

RESTRICTIONS

CONVISO ONE MUST ONLY BE USED ON CONVISO SMART SUGAR BEET OR FODDER BEET HYBRID VARIETIES. COMPLETE CROP LOSS WILL OCCUR IF CONVISO ONE IS APPLIED TO SUGAR BEET OR FODDER BEET THAT DOES NOT CARRY THE CONVISO SMART BRAND.

Conviso One must not be applied to any crop suffering from stress as a result of drought, heat, frost, water-logging, pest or disease attack, nutrient deficiency, soil compaction or other factors reducing crop growth.

Because some non-target crops are sensitive to Conviso One, extreme care is required to avoid drift onto plants outside the target area, or onto ponds, waterways or ditches. Drift onto non-target crops outside the target area may cause serious damage.

Under adverse conditions, crop effects may be observed following treatment, particularly on spray overlaps and for late season/spring applications.

WEEDS CONTROLLED

Conviso One is a foliar applied herbicide for post-emergence control of broad-leaved weeds and annual grasses in Conviso Smart sugar beet and fodder beet hybrids. Whilst the growth of susceptible weeds is inhibited within hours of application of Conviso One, the time taken for visible symptoms to appear varies depending on weed species, application timing and weather conditions. Death of susceptible weeds will usually occur within 2–4 weeks of application of Conviso One.

If present at application, the following weeds will be controlled. Optimal efficacy will be obtained from earlier timings but the table indicates the latest stages controlled.

Grass Weeds:

SUSCEPTIBLE at 1.0 L/ha, post-emergence up to GS 12–13:

- Cockspur

Broad-leaved weeds:

SUSCEPTIBLE at 1.0 L/ha, post-emergence up to GS 12–13:

- Annual mercury
- Black bindweed
- Black nightshade
- Common amaranth
- Common chickweed
- Common fumitory
- Fat-hen
- Field pansy
- Field pennycress
- Knotgrass
- Many-seeded goosefoot
- Maple-leaved goosefoot
- Pale persicaria
- Red dead-nettle
- Redshank
- Scented mayweed
- Volunteer oilseed rape*

Clearfield oilseed rape volunteers will NOT be controlled by Conviso One

Oilseed rape volunteers arising from Clearfield varieties will not be controlled by Conviso One. Use of selective herbicides with a label claim for oilseed rape that are not from HRAC Group 2 (ALS-inhibitors) would need to be incorporated into a programme for their control within a Conviso Smart beet crop.

The control of weed beet or groundkeepers derived from Conviso Smart beet varieties will not be successful in succeeding

crops with ALS-inhibitors (HRAC group 2), as Conviso Smart varieties are bred to be tolerant to this group of chemistry. Alternative modes of action will need to be employed to control these volunteers.

HERBICIDE RESISTANCE MANAGEMENT

This product contains foramsulfuron and thien carbazole-methyl, which are ALS inhibitors, also classified by the Herbicide Resistance Action Committee as 'Group 2'. 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. 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 resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the AHDB, CPA, your distributor, crop advisor or product manufacturer.

To reduce the risk of developing resistance or where resistance to ALS inhibitor herbicides is suspected, applications should be made to young, actively growing weeds.

Key aspects of the Conviso One resistance management strategy are:

- ALWAYS follow WRAG guidelines for preventing and managing herbicide resistant grass and broad-leaved weeds (see WRAG guidelines for options).

- DO NOT use Conviso One as the sole method for grass or broad-leaved weed control—integrate your chemical control with a programme of cultural control measures.
- DO NOT use Conviso One or other ALS inhibitor as the sole means of grass weed or broad-leaved weed control in successive crops.
- ALWAYS use grass and broad-leaved weed herbicides with non-ALS modes of action throughout the cropping rotation.
- ALWAYS monitor weed control effectiveness and investigate any odd patches of poor grass or broad-leaved weed control. If unexplained contact your agronomist who may consider a resistance test appropriate.
- Ensure that any Conviso Smart sugar beet bolters are controlled.

CROP SPECIFIC INFORMATION

Conviso One can be used on any Conviso Smart sugar beet or fodder beet hybrid. For a list of current Conviso Smart beet hybrids, contact Bayer Crop Science.

Apply Conviso One via a horizontal boom sprayer in 150–300 L/ha water as a FINE to MEDIUM spray (BCPC category). Use application techniques which ensure good weed coverage and crop penetration. Ensure that spray swaths do not overlap. For optimum results, apply Conviso One during warm weather, when the soil is moist and the weeds actively growing. Dry conditions resulting in moisture stress may reduce effectiveness. Conviso One can be used on any soil type.

Apply using a pressure of 2.5–3.0 bar and a spray quality of FINE TO MEDIUM (BCPC category).

Apply at a dose rate of 1 L/ha, post-emergence from first leaf visible (pinhead-size): cotyledons horizontally unfolded of the crop up to and including the eight-leaf stage of the crop.

SEQUENCES & TANK MIXTURES

Conviso One may be applied in tank mixture to the same sugar beet crop with one of the following herbicide products:

- Suspension concentrate (SC400) of straight clopyralid (e.g. MAPP 20156)
- Suspension concentrate (SC500) of straight ethofumesate (e.g. MAPP 20605)
- Suspension concentrate (SC700) of straight metamiltron (e.g. MAPP 16638)

DO NOT use Conviso One in tank mixture or sequence with any other ALS inhibitor herbicide, such as a sulfonylurea.

FOLLOWING CROPS and CROP FAILURE

Succeeding crops in the normal rotation:

In the year of application, only winter wheat can be sown after the beet has been harvested. Plough or cultivate to 20 cm prior to planting, otherwise crop damage may occur.

In the year after application, the following crops may be sown: winter and spring wheat, winter and spring barley, maize, sunflowers, peas, rye-grass, winter and spring oilseed rape, field bean, and winter oats may be sown in the normal rotation to succeed a beet crop treated with Conviso

One. Plough or cultivate to 20 cm prior to planting, otherwise crop damage may occur.

Replacement crops in the event of failure of a Conviso One-treated beet crop:

In the event of crop failure for any reason, Conviso Smart beet may be re-drilled. Winter wheat or maize can be sown in the same year as an application of Conviso One. Plough or cultivate to 20 cm prior to planting, otherwise crop damage may occur. The following intervals should elapse between application of Conviso One and any re-drilling:

- Conviso Smart beet may be sown immediately. DO NOT sow beet not carrying the Conviso Smart brand.
- Maize: 1 month
- Winter wheat: 4 months

MIXING

Add the recommended quantity of Conviso One to the spray tank half-filled with the required quantity of clean water. Add the remainder of the water with the sprayer agitation system in operation. Maintain agitation during mixing and loading and until spraying is complete. Do not leave the sprayer standing with chemical in it.

Sprayer hygiene

To avoid subsequent damage to sensitive crops, including beet crops that are not tolerant to Conviso One, the spray tank, boom, hoses, filters and nozzles must be thoroughly washed out to remove all traces of Conviso One immediately after spraying using a proprietary sprayer cleaner (e.g. All Clear Extra®) according to the label instructions for that product. Nozzles and filters should be removed and cleaned separately using the liquid sprayer cleaner as recommended.

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