

IE87355497a rA1



GROUP 2 HERBICIDE

For use only as an agricultural herbicide.

A highly active herbicide (including a sulfonylurea herbicide) with foliar and some root activity against black-grass, wild-oats, ryegrasses, bromes, annual meadow-grass, loose silky-bent, and a range of broad-leaved weeds in winter wheat, winter durum wheat, winter triticale, winter rye and spelt wheat.

A water dispersible granule formulation containing 45 g/kg mesosulfuron-methyl and 15 g/kg thien carbazone-methyl.

Safety Information

INCELO

UFI: CUV0-50DN-V00C-5GV9

A water dispersible granule formulation containing 45 g/kg mesosulfuron-methyl and 15 g/kg thien carbazone-methyl. Also contains mefenpyr-diethyl.

WARNING

Causes serious eye irritation.

Very toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/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 triple rinsed empty 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.



PCS No. 07195

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SAFETY PRECAUTIONS

Operator Protection

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

WEAR SUITABLE PROTECTIVE GLOVES AND EYE PROTECTION when handling the product.

WHEN USING DO NOT EAT, DRINK OR SMOKE

WASH HANDS AND EXPOSED SKIN before eating and drinking 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 non-target terrestrial plants, respect an unsprayed buffer zone of 5 metres to non-crop plants outside of the target area.

Storage and Disposal

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

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

PROTECT FROM FROST.

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 safely.

This material and its container must be disposed of in a safe way.

For 24 hr Emergency Information contact Bayer CropScience Limited
Telephone: 00800 1020 3333

Authorisation holder: Bayer CropScience Limited

230 Cambridge Science Park, Milton Road, Cambridge, CB4 0WB, United Kingdom

Marketing Company: Bayer CropScience Ltd, Bayer Ltd, 1st Floor, The Grange Offices

The Grange, Brewery Road, Stillorgan, Co. Dublin A94 H2K7 Freephone: 1800 818534

READ ALL INSTRUCTIONS CAREFULLY BEFORE USE

Crop	Maximum single dose	Maximum number of applications	Maximum total dose	Latest time of application
Winter rye, spelt	0.2 kg/ha	1	0.2 kg/ha	BBCH 32
Winter wheat, winter durum wheat, winter triticale	0.33 kg/ha	1	0.33 kg/ha	BBCH 32

For professional use only.

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.

RESTRICTIONS

DO NOT use Incelo on crops undersown with grasses, clover or other legumes or any other broad-leaved crop.

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

Ensure that spray swaths do not overlap as this may result in crop phytotoxicity, such as bleaching or stunting. These symptoms are not always transient and may reduce the yield of winter triticale.

Due to the potential for yield loss, sometimes without prior signs of crop phytotoxicity, avoid use of Incelo to control light infestations of grass weeds.

Because some non-target crops are sensitive to Incelo, extreme care is required to avoid drift onto plants outside the target area, or onto ponds, waterways or ditches.

Do not apply Incelo when rain is imminent.

Do not apply during periods of frosty weather or where the temperature is near or below freezing.

Store in a safe dry place designated as an agrochemical store.

WEEDS CONTROLLED

If present at application, the following weeds will be controlled. Optimal efficacy will be obtained from earlier timings but the table indicates the level of susceptibility that can be expected.

Weed	0.15 kg/ha (GS 13-32#)	0.20 kg/ha (GS 13-32#)	0.33 kg/ha (GS 13-19#)	0.33 kg/ha (GS 21-32#)
Grass weeds:				
Annual meadowgrass	S	S	-	-
Black-grass	-	S	S	S
Bromes	-	-	-	MS
Loose silky bent	S	S	-	S
Wild oats	-	-	-	S
Broad-leaved weeds:				
Cleavers	-	MR	MS	S
Common chickweed	S	S	-	S
Common knotgrass	-	S	-	-
Common poppy	S	S	-	S
Cornflower	R	MR	-	MS
False mayweed	S	S	S	S

Weed	0.15 kg/ha (GS 13-32#)	0.20 kg/ha (GS 13-32#)	0.33 kg/ha (GS 13-19#)	0.33 kg/ha (GS 21-32#)
Field forget-me-not	-	S	-	S
Field larkspur	-	S	-	-
Field pansy	R	R	S	MR
Field pennycress	-	S	-	-
Geraniums	MR	MR	-	R
Henbit dead-nettle	-	MS	-	-
Ivy-leaved speedwell	-	-	S	-
Knotweeds	-	-	-	MS
Pigweed	-	-	-	MS
Red dead-nettle	-	MS	-	MS
Ryegrass	-	-	-	S
Shepherd's purse	-	S	-	S
Speedwells	MR	MR	-	MR

Weed	0.15 kg/ha (GS 13-32#)	0.20 kg/ha (GS 13-32#)	0.33 kg/ha (GS 13-19#)	0.33 kg/ha (GS 21-32#)
Volunteer oilseed rape*	-	S	-	S
Wild buckwheat	-	S	-	-
Wild chamomile	S	S	-	S

S = Susceptible, MS = Moderately Susceptible, MR = Moderately resistant, R = Resistant

Growth stage of the crop at application

* Clearfield® oilseed rape volunteers will NOT be controlled by Incelo

Oilseed rape volunteers arising from Clearfield varieties will not be controlled by Incelo. Use a selective herbicide with a label claim for oilseed rape that is not from HRAC Group 2 (ALS-inhibitors).

Incelo is readily translocated within the target weed, inhibiting growth within hours of application. The actual time taken for herbicidal symptoms to appear and death varies between

weed species, timing of application and weather conditions. In some cases symptoms may not be apparent for up to 4 weeks. Optimum grass weed control will be obtained when all grass weeds are emerged at spraying. Weeds germinating after application will not be controlled.

Due to the potential for yield loss without prior signs of crop phytotoxicity, avoid use of Incelo to control light infestations of grass weeds.

As Incelo is active primarily via foliar uptake good spray coverage of the target weed is essential for optimal efficacy. For optimal activity, apply when weather conditions promote active weed growth. Incelo controls emerged weeds on all soil types.

Incelo has a moderate residual life in soil under normal conditions. As residual activity is important for optimal activity, avoid application under dry conditions on to dry soil. Residual efficacy will be enhanced where seedbeds are fine and moist. High soil temperatures and cloddy seedbeds may reduce the residual efficacy of Incelo.

HERBICIDE RESISTANCE MANAGEMENT

This product contains mesosulfuron-methyl and propoxycarbazone-sodium 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 Teagasc, your distributor, crop advisor or product manufacturer.

The presence of enhanced metabolism herbicide resistant populations of grass weeds may lead to unacceptable levels of control. To reduce the risk of developing resistance or where resistance to ALS-inhibiting herbicides is suspected, applications should be made to young, actively growing weeds.

Key aspects of the Incelo resistance management strategy are:

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

- DO NOT use Incelo as the sole method for grass or broad-leaved weed control – integrate your chemical control with a programme of cultural control measures.
- Use in tank mixture or in sequence with herbicides with non-ALS modes of action for the control of common chickweed and common poppy.
- IDEALLY apply Incelo as early as possible and before GS 31 of grass weeds.
- DO NOT use Incelo or other ALS-inhibitors 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.

CROP SPECIFIC INFORMATION

For use on all commercially available varieties of winter wheat, winter durum wheat, winter triticale, winter rye, and winter spelt wheat.

Apply in the spring via a horizontal boom sprayer at 0.15, 0.20 or 0.33 kg/ha as appropriate to the crop and the weeds to be controlled (see table).

Apply in 100-400 L/ha as a FINE to MEDIUM spray (BCPC category). Use application techniques which ensure good weed coverage and crop penetration, using flat fan nozzles.

Ensure that spray swaths do not overlap. Always use Incelo in mixture with authorised adjuvant Biopower (PCS No. 92144) at a rate of 1 L/ha.

Only one application of Incelo should be made to the crop.

Winter wheat: Apply post-emergence of the crop from the three-leaf stage (GS 13) of the crop up to second node detectable (GS 32).

Winter triticale and winter Durum wheat: Apply post-emergence of the crop from the three-leaf

stage (GS 13) of the crop up to second node detectable (GS 32). Applications of 0.33 kg/ha must be made after the start of tillering (GS 21).

Winter rye and spelt: Apply post-emergence of the crop from the three-leaf stage (GS 13) of the crop up to second node detectable (GS 32).

FOLLOWING CROPS

Winter cereals, white mustard and winter oilseed rape may be sown in the year of harvest to succeed a cereal crop treated with Incelo. Plough prior to establishing winter oilseed rape, otherwise crop damage may occur. Spray overlaps in the treated cereal crop should be avoided in order to reduce the risk of localised adverse effects on following broad-leaved crops, particularly winter oilseed rape and mustard.

Spring cereals, spring oilseed rape, sugar beet, maize, cucumbers, soybeans, sunflowers, tomatoes and onions may be drilled in the spring

following harvest of the Incelo treated cereal crop. Plough prior to establishing sugar beet, otherwise crop damage may occur. Where Incelo is applied in sequence or tank mixture with other permitted "ALS inhibiting" herbicides, always follow the most restrictive label with regard to following crops.

MIXING

Add the recommended quantity of Incelo 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.

To avoid subsequent injury to crops, immediately after spraying thoroughly clean application equipment inside and out. Ensure that all traces of the product are removed.

The following recommendations must be followed;

1. Drain spray system completely. Rinse tank, spray boom and nozzles with clean water for several minutes and spray out completely.
2. Half fill the spray tank with clean water and add a liquid sprayer cleaner specifically formulated for sulfonylurea herbicides (e.g. All Clear Extra®) [1 litre for every 200 litres of full spray tank capacity] and continue filling with clean water until sprayer is completely full. Agitate for 15 minutes; spray out cleaning solution through spray nozzles and drain spray system completely.
3. Rinse the tank thoroughly with clean water and flush out through hoses and boom.
4. Nozzles and filters should be removed and cleaned separately using the liquid sprayer cleaner as recommended.

COMPATIBILITY

Incelo may be applied as a tank-mix only with specific products. Contact Bayer CropScience for compatibility information on specific tank-mixes. Full manufacturer's instructions must be followed for each tank-mix component.

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To access the **Safety Data Sheet** for this product scan the code or use the link below:

www.bayercropscience.ie/sds/incelo.pdf

or alternatively contact your supplier