



For use only as a foliar applied agricultural herbicide for the control of annual meadow-grass, ryegrasses from seed and a broad range of annual broad-leaved weeds in winter and spring wheat, spring barley, durum wheat and winter triticale.

A water dispersible granule containing 5% w/w iodosulfuron-methyl-sodium.

For professional use only

Approval Holder:

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

Marketing Company:

Bayer CropScience Ltd
Bayer Limited, The Atrium,
Blackthorn Road, Sandyford, Dublin 18
Freephone: 1800 818534

For 24 hour emergency information contact Bayer CropScience Limited
Telephone: 1 800 409 399

SAFETY PRECAUTIONS

Operator Protection

Avoid contact with eyes.
Wear eye/ face protection.
Wear suitable protective gloves and faceshield when handling the concentrate and during maintenance of treatment equipment.

If swallowed, seek medical advice immediately and show this container or label.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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).
Use appropriate containment to avoid environmental contamination.

Safety Information

HUSSAR

Contains 5% w/w iodosulfuron-methyl-sodium



Danger.

Causes serious eye damage.

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. Immediately call a POISON CENTRE or doctor physician.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site, except for triple rinsed 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. 02207

Storage and Disposal

DO NOT RE-USE CONTAINER for any purpose.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
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.
Keep out of reach of children. Keep away from food, drink and animal feedingstuffs.

READ ALL INSTRUCTIONS CAREFULLY BEFORE USE

Crop	Maximum individual dose:	Maximum number of applications:	Latest time of application:
Winter wheat and winter triticale	200 g product per hectare	1 per crop	2nd node detectable stage (GS 32)
Spring wheat, spring barley and durum wheat	150 g product per hectare	1 per crop	Up to the end of tillering (GS 29)



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

www.bayercropscience.ie/sds/hussar.pdf

or alternatively contact your supplier

IE79872739e rA5c

Bayer

DIRECTIONS FOR USE

RESTRICTIONS

DO NOT apply to crops undersown or due to be undersown with grass, clover or alfalfa.

NOT for use in winter barley or oats, as these crops can be damaged.

DO NOT roll or harrow within one week of spraying.

DO NOT spray crops under stress, suffering drought, waterlogged, grazed, lacking nutrients or if the soil is compacted.

Do not spray if rain is imminent.

Do not spray if frost is expected. If the leaves are wet or covered with ice, run-off may occur.

Broadcast crops should be sprayed post-emergence after the plants have a well established root system and all other conditions on the label and leaflet are met.

Store in a cool, dry, safe place designated as an agrochemical store, away from seeds & animal feedingstuffs.

WEEDS CONTROLLED

Strains of 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 are available from your distributor, crop adviser or product manufacturer.

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

Weeds Controlled at 150 g product/ha

Broad Leaved Weeds in spring wheat, spring barley and durum wheat

Weed	Susceptibility	Weed growth stage controlled Post emergence
Cleavers	S	to 8 whorl stage
Common chickweed	S	to flower bud stage
Volunteer oilseed rape	S	to flower bud stage
Common field-speedwell	MS	to flower bud stage
Mayweeds	S	to young plant stage
Red dead-nettle	MS	to 8 leaf stage
Field forget-me-not	S	to 4 leaf stage
Knotgrass	MS	to 4 leaf stage
Common hemp-nettle	S	to 2 leaf stage

Weeds Controlled at 200 g product/ha

Broad Leaved Weeds in winter wheat and triticale

Weed	Susceptibility	Weed growth stage controlled Post emergence
Cleavers	S	to 8 whorl stage
Common chickweed	S	to flower bud stage
Volunteer oilseed rape	S	to flower bud stage
Common field-speedwell	MS	to flower bud stage
Mayweeds	S	to young plant stage
Red dead-nettle	S	to 8 leaf stage
Field forget-me-not	S	to 8 leaf stage
Knotgrass	S	to 4 leaf stage
Common hemp-nettle	S	to 2 leaf stage

Grass Weeds in winter wheat and triticale

Weed	Susceptibility	Weed growth stage controlled Post emergence
Annual meadow-grass (from seed)	S	to GS 30
Rye-grasses (from seed)	S	to GS 24

Kill of weeds with Hussar is slow, particularly under cool, dry conditions. Sometimes, the weeds may only be stunted but they will normally have little or no competitive effect on the crop.

CROP SPECIFIC INFORMATION

For use on all commercially available varieties of wheat, spring barley, durum wheat and triticale.

In winter wheat and triticale for post emergence application in spring: After 1st February from 3-leaf stage (GS 13) up to the 2nd node detectable stage (GS 32) of the cereal.

In spring barley, spring wheat and durum wheat: After 1st February from the 3- leaf stage (GS 13) up to the end of tillering (GS 29) of the cereal.

Early applications to small weeds are preferable. Ideally the treatment should be concluded by GS 29 of the crop in order to avoid weed competition and yield loss.

In spring barley transient crop effects can occur, but these are normally outgrown and do not affect yield.

For optimum results, apply Hussar during warm weather, when the soil is moist and the weeds actively growing. Dry conditions resulting in moisture stress may reduce effectiveness. Hussar can be used on all soil types.

Apply in spring (from 1st February) when the weeds are actively growing.

Method of application: Tractor mounted sprayer

Volume: 200-400 litres of water per hectare. Use up to 400 litres of water per hectare where crops are thick or weeds dense.

Pressure: 2.5 - 3.0 bar

Spray Quality: FINE or MEDIUM

For optimal results, use application techniques, which ensure good weed coverage and crop penetration.

Avoid damage by drift onto broad-leaved plants outside the target area or onto ponds, waterways and ditches.

FOLLOWING CROPS

After an application of Hussar there are no restrictions on following cereal crops or crops sown in the spring of the following year.

In addition to cereals only winter oilseed rape may be sown in the same year as Hussar is applied and this must be preceded by ploughing or thorough cultivation.

MIXING

Half-fill the spray tank with clean water, start agitation and add the required quantity of Hussar directly to the tank. Top up the tank to the required volume. Continue agitation whilst spraying.

When tank-mixing, always add Hussar to the spray tank first and fully disperse before adding other products. Do not allow Hussar granules to come into contact with the undiluted concentrate of any other product.

SPRAYER HYGIENE

It is important that the spray tank, boom, hoses, filters and nozzles are thoroughly washed to remove all traces of Hussar immediately after spraying and before the sprayer is used on crops other than the cereals recommended on this label.

Use either of the following procedures:-

(a) BLEACH CLEANING

1. Drain sprayer completely, then wash out tank boom and hoses with clean water. Drain again.
2. Half-fill tank with clean water and add chlorine bleach (i.e. bleach with 10% available chlorine) at a dilution rate of 2.5 litres of bleach per 1,000 litres of water. Complete filling the tank with water. Flush through boom and hoses then leave sprayer for 10 minutes with agitation on. Then drain completely.
3. Remove nozzles and filters and leave to soak in a bleach solution of 250 ml bleach per 10 litres of water whilst tank cleaning is in progress.
4. Flush the tank, boom and hoses with clean water.
5. Inspect tank to confirm no residues are present.

Ensure any spray contamination on the outside of the sprayer is removed by washing in clean water.

(b) AMMONIA-BASED CLEANING (e.g. All Clear ® Extra)

Follow manufacturers' recommendations for sulfonyl urea herbicides.

DO NOT MIX any bleach or chlorinating agent with any ammonia-based cleaning agent as toxic gases may be liberated.

COMPATIBILITY

Hussar may be applied as a tank-mix with a range of 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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