

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.
- Operators must wear suitable protective gloves when handling contaminated surfaces.
- DO NOT BREATHE SPRAY.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before eating and drinking or smoking and after work. 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. To protect aquatic organisms respect an unsprayed buffer zone of 5 m to surface water bodies.

Storage and disposal:

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

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

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely. DO NOT RE-USE CONTAINER for any purpose.



PROFESSIONAL USE ONLY

Triple Rinse Containers, Puncture and Invert to Dry at time of Use

Dow AgroSciences Limited

CPC2 Capital Park, Fulbourn, Cambridge, CB21 5XE.

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Dow Dow AgroSciences

Galaxy

HERBICIDE

An emulsifiable concentrate containing 144 g/litre (13.85% w/w) fluroxypyr-methyl (100 g/litre acid equivalent), 80 g/litre (7.69% w/w) clopyralid and 2.5 g/litre (0.24% w/w) florasulam.

A post-emergence herbicide for use on all varieties of WINTER AND SPRING WHEAT, BARLEY, OATS, WINTER AND SPRING RYE, WINTER TRITICALE and DURUM WHEAT for the control of CLEAVERS, COMMON CHICKWEED and other broad-leaved weeds.

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.

Product Identifier according to Art.18 of Reg. (EC) No 1272/2008 [CLP]: Galaxy[®].
Hydrocarbons, C10-C13, aromatics, <1% naphthalene



DANGER

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Harmful if inhaled.

Very toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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 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. 05473



IMPORTANT INFORMATION.

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops	Maximum Individual Dose	Maximum Number of Applications	Latest Time of Application
Winter wheat, winter barley, winter rye, winter triticale	1.0 litres product/ha	One per year	Before flag leaf detectable stage (before GS 39)
Spring wheat, spring barley, durum wheat,	1.0 litres product/ha	One per year	Before flag leaf detectable stage (before GS 39)
Winter oats, spring oats, spring rye	1.0 litres product/ha	One per year	Before second node detectable stage (before GS 32)

Other Specific Restrictions:

Applications to be made between February 1st and June 30th

For autumn planted crops a maximum total dose of 3.75 g of florasulam must be observed for applications made between crop emergence in the year of planting and February 1st in the year of harvest.

The total amount of florasulam applied to a cereal crop must not exceed 7.5 g⁵.

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.

⁵Applicable to approved florasulam containing formulations that may be applied in Autumn followed by Galaxy application from 1st February.

**SHAKE WELL BEFORE USE.
PROTECT FROM FROST.**

Pack size: 5 litres e

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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.

GENERAL INFORMATION

GALAXY herbicide has activity against a range of broad-leaved weeds. The ideal timing for application is when the weeds are small and actively growing. The effectiveness of GALAXY may be reduced when soils are very dry.

NOTES

- Avoid overlapping spray bouts.
- Do not use any plant material treated with GALAXY for composting or mulching.
- Do not use manure from animals fed on crops treated with GALAXY for composting.
- Do not spray when crops are under stress from cold, drought, pest damage, nutrient deficiency etc.
- Do not roll or harrow 7 days before or after application.
- Take extreme care to avoid drift onto crops and non-target plants outside the target area.

FOLLOWING CROPS

Straw from cereals sprayed with GALAXY may contain residues which could damage certain crops. To avoid such risk bale and cart away the straw. Where straw is chopped and incorporated do not plant winter beans in the same year as treatment with GALAXY.

GALAXY residues in plant tissues (including manure and digestate) which have not completely decayed may affect succeeding susceptible crops. If treated crop remains have not fully decayed by the time of planting following crops then avoid planting: peas, beans and other legumes; carrots and other umbellifers; potatoes; lettuce and other compositae; glasshouse and protected crops.

Crops that can be sown in the same year as a crop treated with GALAXY is harvested: Cereals, oilseed rape¹, grass and vegetable brassicas as transplants.

¹Vigour reductions may be seen in following crops of oilseed rape after a dry summer. This will be outgrown and will not result in yield loss.

Crops that can be sown in the calendar year following treatment with GALAXY: Cereals, oilseed rape, field beans (as seen above), grass, linseed, peas, sugar beet, potatoes, maize, clover (for use in grass/clover mixtures), carrots and vegetable brassicas as transplants.

JOINT APPLICATION

A joint application is the use of a product in tank mixture or sequence with another product.

IMPORTANT NOTE: Joint applications should only be made within the label recommendations of every product in the application. However a further application of GALAXY or another product containing florasulam may also be made providing the maximum total dose of florasulam is not exceeded.

Only one other product with an ALS-inhibitor mode of action may be applied to a cereal crop treated with GALAXY.

GALAXY may be applied in joint application to the same cereal crop with one of the following ALS products:

Accurate	Harmony M SX
Ally Max SX	Hussar
Biplay SX	Lorate
Boxer ¹	Presite SX
Broadway Star ¹	Quantum
Calibre SX	Spitfire
Choir	Starane XL
Finish SX	Thor

[#]The maximum total dose of florasulam applied to the crop must not exceed 7.5 g. For autumn planted crops a maximum total dose of 3.75 g of florasulam, must be observed for applications made between crop emergence in the year of planting and February 1st in the year of harvest.

Apart from these specific joint applications GALAXY must NOT be applied with any other product containing an ALS-inhibitor, for example amidosulfuron.

CROP FAILURE

In the event of a crop failure in the spring with GALAXY only the following crops may be planted: spring wheat, spring barley, spring oats, maize or ryegrass.

RESISTANCE

GALAXY contains three different active substances (fluroxypyr, florasulam and clopyralid) and therefore the risk of resistance building is reduced. Fluroxypyr and clopyralid are pyridine carboxylic acids (Group O, HRAC classification) and florasulam belongs to the triazolopyrimidine (Group B, HRAC classification). There is no identified resistance to fluroxypyr and clopyralid but populations of *Stellaria media*, *Papaver rhoeas* and *Matricaria spp.* have been found to be resistant to Group B herbicide.

As florasulam is an ALS inhibitor there is a risk of resistance building to this active ingredient and so precautions should be taken to minimise the risk. Therefore avoid using single mode of action herbicides, such as ALS herbicides in the same field over a number of years. Growers are advised to apply products containing herbicides with different modes of action or use sequences or tank mixtures where two or more components are active against the target weeds.

CROPS

GALAXY can be applied in the spring (from 1st Feb) on all varieties of winter and spring wheat, winter and spring barley, winter and spring oats, winter rye and winter triticale. Galaxy can be safely applied to crops intended for seed production.

SOIL

GALAXY may be used on all soil types.

APPLICATION TIMING

Winter wheat, winter barley, winter rye, winter triticale, spring wheat, spring barley, durum wheat.

GALAXY should be applied in the spring (from 1st February) once the crop has reached 3 leaves (GS 13), and before flag leaf detectable stage (before GS 39).

Winter oats, spring oats and spring rye

GALAXY should be applied in the spring (from 1st February) once the crop has reached 3 leaves (BBCH 13), up to before second node detectable stage (before GS 32).

WEED SUSCEPTIBILITY AND MAXIMUM SIZE CONTROLLED

One application of 1.0 L/ha of GALAXY will control all susceptible emerged weeds. For optimum performance it is important to check the size of weeds before application.

Weed	Maximum weed size controlled
Cleavers	120-150 mm
Common chickweed	100 mm
Scented mayweed	200 mm
Scentless mayweed	200 mm
Volunteer oilseed rape	4 true leaves
Wild radish (Runch)	50 mm

Galaxy should not be applied to crops undersown with ryegrass and clover.

APPLICATION

GALAXY may be applied through tractor-mounted hydraulic sprayers providing they are in good working order and have been calibrated according to the manufacturers' recommendations.

Do not apply through CDA applicators.

WATER VOLUME

Apply GALAXY in 80 to 250 litres of water per hectare. The lower volume must only be used in open crops on small weeds.

MIXING

Half fill the spray tank with water and add the required amount of GALAXY. Fill up the spray tank, agitating continuously to ensure thorough mixing, and maintain agitation until spraying is complete. Use only clean water for mixing.

SPRAY QUALITY

Apply GALAXY as a MEDIUM spray as defined by the BCPC system.

TANK MIXTURES

Where tank mixes are used, and unless directed otherwise, the preferred order of addition of products to the spray tank is as follows: water dispersible granules, wettable powders, suspension concentrates (flowables), emulsifiable concentrates, solution concentrates. Each product should be added to the half-full sprayer and be fully dispersed before the addition of the next product.

TANK CLEANING

To avoid subsequent injury to crops other than cereals, all spraying equipment must be thoroughly cleaned both inside and out, using using a proprietary spray cleaner (i.e. All Clear Extra) as follows:

1. Immediately after spraying thoroughly and completely rinse all internal surfaces.
2. Rinse inside of tank with clean water and flush through booms and in-line strainers using at least one tenth of the spray tank volume. Drain tank completely.
3. Fill tank with clean water (minimum 10% of tank capacity) and add tank cleaner at the recommended rate and agitate for 15 minutes. Flush the boom and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with All Clear Extra solution containing 50 ml of All Clear Extra per 10 litres of water.
5. Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume. Drain tank completely.
6. For disposal of washings, follow Code of Practice for Using Plant Protection Products. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going onto step 4.

TRADEMARK ACKNOWLEDGEMENTS

GALAXY, BOXER, BROADWAY, SPITFIRE and STARANE are trademarks of the Dow Chemical Company ("Dow") or an affiliated company of Dow.

All other brand names used in this document are trademarks of other manufacturers for which proprietary rights may exist.

DOW AGROSCIENCES 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 the weather conditions before, during or 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. No responsibility will be accepted by us or re-sellers 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.

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



<http://uk.dowagro.com/wp-content/uploads/GALAXY-IRL-SDS.pdf>

Alternatively contact your supplier

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SPECIMEN

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