



Dow AgroSciences



Boxer™

HERBICIDE

Product Registration Number: MAPP 09819.

A suspension concentrate containing 50 g/litre (4.84% w/w) florasulam.

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

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

IMPORTANT INFORMATION.

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Crops/Situations: } Wheat, barley, oats

Maximum Individual Dose: }

Maximum Total Dose: } Full details are given in the Important Information area

Latest Time of Application: } on the attached leaflet.

Other Specific Restrictions: }

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.

™Trademark of the Dow Chemical Company ("Dow") or an affiliated company of Dow
This label is compliant with the CPA Voluntary Initiative Guidance.



Product Identifier according to Art.18 of Reg. (EC) No 1272/2008 [CLP]: Boxer™



Warning

Very toxic to aquatic life with long lasting effects

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.

Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

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

SAFETY PRECAUTIONS

Operator protection:

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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.

Storage and disposal:

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.

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET.

SHAKE WELL BEFORE USE.

PROTECT FROM FROST.

0.5 litres e

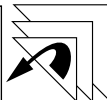
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DIRECTIONS FOR USE

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.

IMPORTANT INFORMATION.

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

- Crops/Situations:** Wheat, barley, oats
Maximum Individual Dose: 0.15 litre product per hectare
Maximum Total Dose: 0.15 litre product per hectare
Latest Time of Application: Before flag leaf sheath extending stage
Other Specific Restrictions: 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 g.

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CROPS

BOXER can be applied in the spring and autumn on all varieties of winter and spring wheat, barley and oats (but not Durum wheat).

NOTES

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

Crops that can be sown in the same year as a crop treated with BOXER is harvested: Cereals, oilseed rape¹, field beans, 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 BOXER: Cereals, oilseed rape, field beans, 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.

Only one other product with an ALS inhibitor mode of action may be applied to a cereal crop treated with BOXER. However a further application of BOXER or another product containing florasulam may also be made **providing the maximum total dose of florasulam is not exceeded**¹.

BOXER may be applied in joint application to the same cereal crop with one of the following ALS products¹:

Alias	Lexus Class
Alias SX	Lexus Millenium
Ally Express	Oklar SX
Ally Max SX	Oriel 50SX
Ally SX	Presite SX
Barton WG ¹	Quantum SX
Biplay SX	Slalom ¹
Boxer ¹	Simba SX
Cleancrop Mondial	Spitfire ¹
Finish SX	Starane Gold ¹
Galaxy ¹	Starane Vantage ¹
GF-184 ¹	Starane XL ¹
Hunter ¹	Thor
Inka SX	Traton SX
Jubilee SX	

¹ 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 BOXER must NOT be applied with any other product containing an ALS-inhibitor, for example amidosulfuron or triasulfuron.

CROP FAILURE

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

RESISTANCE

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.

SPRING APPLICATION

TIMING

BOXER should be applied once the crop has reached 3 leaves (Zadoks 13), up to and including flag leaf ligule just visible stage (Zadoks 39 inclusive).

RATES OF USE

One application of up to 0.15 litre/ha will control all susceptible emerged weeds. A split application may be applied up to a maximum total dose of 0.15 litre/ha where weed germination takes place over an extended period.

WEED SUSCEPTIBILITY AND MAXIMUM SIZE CONTROLLED

BOXER is most effective when applied to small, actively growing weeds. Larger weeds may be less susceptible. For optimum performance it is important to check the size of weeds before application.

Rate of use	0.15 litre/ha	0.1 litre/ha	0.05 litre/ha
Cleavers	Up to 500 mm	200 mm	-
Common chickweed	-	Flowering	6 true leaves
Hedge mustard	-	100 mm	-
Scented mayweed	-	Up to flowering	Rosette stage

Rate of use	0.15 litre/ha	0.1 litre/ha	0.05 litre/ha
Scentless mayweed	-	Up to flowering	Rosette stage
Shepherd's-purse	-	100 mm	-
Volunteer oilseed rape	-	Before flower buds visible	4 true leaves
Wild radish (Runch)	-	100 mm	-

AUTUMN APPLICATION

TIMING

BOXER should be applied once the crop has reached 3 leaves (Zadoks 13), up to and including flag leaf ligule just visible stage (Zadoks 39 inclusive).

RATES OF USE

One application of up to 0.075 litre/ha will control all susceptible emerged weeds.

WEED SUSCEPTIBILITY AND MAXIMUM SIZE CONTROLLED

BOXER is most effective when applied to small, actively growing weeds. Larger weeds may be less susceptible. For optimum performance it is important to check the size of weeds before application.

Rate of use	0.075 litre/ha	0.05 litre/ha
Cleavers*	25 mm	25 mm
Common chickweed	50 mm	30 mm
Scented mayweed	50 mm	30 mm
Scentless mayweed	30 mm	30 mm
Volunteer oilseed rape	80 mm	60 mm

*Moderately susceptible

SOIL

BOXER is mainly absorbed by the leaves of the weeds and as such can be used on all soil types.

APPLICATION

BOXER may be applied through tractor-mounted hydraulic sprayers and knapsack 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 BOXER in 150 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 BOXER. 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 BOXER 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 All Clear Extra spray cleaner as follows:

1. Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
3. Half fill tank with clean water and add All Clear Extra at the recommended rate. Agitate and then briefly flush the booms and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Flush the booms 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 booms 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

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All other brand names used in this document are trademarks of other manufacturers in 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/BOXER-SDS.pdf>

Alternatively contact your supplier



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