

# BRAZEN

A water dispersible granule formulation containing 600 g/kg (60% w/w) tribenuron-methyl and 200g/kg (20% w/w) florasulam

**100 g e**

**For the control of cleavers and other broadleaved weeds in winter and spring barley, winter and spring oats, winter wheat, winter rye and winter triticale**

**SAFETY INFORMATION**

EWJY-91V3-800K-C3QP



**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 triple rinsed empty containers which can be disposed of as non-hazardous waste.

Contains Tribenuron-methyl. May produce an allergic reaction.  
**To avoid risks to human health and the environment, comply with the instructions for use.**

PCS 06778

**IMPORTANT INFORMATION: FOR USE ONLY AS AN AGRICULTURAL HERBICIDE FOR PROFESSIONAL USE ONLY**

Crop	Max individual dose (g product/ha)	Max total dose (g product/ha/crop)	Latest time of application	Aquatic buffer zone distance (m)
Barley, Oats, Rye, Triticale Wheat (all winter)	25	25	Up to and including 5 flag leaf (leaves just visible stage (GS 39 inclusive))	5
Barley (spring) Oats (spring)	25	25	Up to and incl 2nd node detectable stage (GS 32 inclusive)	5

**Other Specific Restrictions:**

- Applications must not be made before 15 March in the year of harvest.
- The maximum total dose of florasulam applied to a cereal crop must not exceed 7.5 g/ha.
- The maximum total dose of tribenuron applied to a cereal crop must not exceed 15 g/ha.

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE.**

**SAFETY PRECAUTIONS**

**PROTECT FROM FROST**

**Additional Safety Phrases:**

Do not contaminate water with the product or its container.  
Do not clean application equipment near surface waters.  
Avoid contamination via drains from farmyards and roads.  
To protect aquatic organisms respect an unsprayed buffer zone of 5 metres to surface water bodies.

**Conditions of Supply:** All goods supplied by us are of high quality and we believe them to be correct but, as we cannot exercise control over their storage, handling, mixing or use, or weather conditions before, during and 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, and no responsibility will be accepted by us or resellers 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.

**In the event of emergency, call the National Poisons Information Centre, Beaumont Hospital at 01 809 2166 or 01 837 9964**

**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 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.

**Crop Failure:** In the event of crop failure in the spring after an application of **CLAYTON BRAZEN** only cereals may be planted.

**WEEDS CONTROLLED**

**CLAYTON BRAZEN** 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.

**Spring application**

Rate of use	20 g product/ha	25 g product/ha	Weed size controlled
Black bindweed	-	MS	Plants up to 2 expanded true leaves
Charlock	S	-	Plant up to 15 cm across/high
Cleavers	-	S	200 mm
Common chickweed	S	-	Flowering
Common field speedwell	-	R	Plants up to 2 expanded true leaves
Common mouse-ear	-	R	Plants up to 2 expanded true leaves
Common poppy	-	R	Plants up to 6 expanded true leaves
Fat hen	-	MS	Plants up to 6 expanded true leaves
Field pansy	-	MS	Plants up to 2 expanded true leaves
Field pennycress	-	S	Plant up to 15 cm across/high
Fooly parsley	-	S	Plants up to 3 expanded true leaves
Forget me not	-	S	Plants up to 6 expanded true leaves
Gumweed	-	R	Plants up to 2 expanded true leaves
Hard bittercress	-	MS	Plants up to 6 expanded true leaves
Hemp-nettle	-	S	Plants up to 6 expanded true leaves
Henbit dead nettle	MR	-	Plants up to 6 expanded true leaves
Ivy leaved speedwell	-	R	Plants up to 2 expanded true leaves
Knotgrass	-	S	Plants up to 6 expanded true leaves
Pineappleweed	S	-	Flower buds visible
Red radishes	-	MR	Plants up to 6 expanded true leaves
Redsink	-	MS	Plants up to 6 expanded true leaves
Scotches mayweed	S	S	Flower buds visible
Shepherd's purse	S	S	100 mm
Volunteer oilseed rape	S	S	Before flower buds visible

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

**WEED RESISTANCE**

Tribenuron-methyl and florasulam are both systemic selective herbicides taken up by the roots and foliage and translocated to the apex of the plant. Florasulam is an ALS inhibitor. Herbicide Resistant Weeds Classification (HRAC), B. Tribenuron-methyl is an ALS inhibitor. Herbicide Resistant Weeds Classification (HRAC), B. Avoid using herbicides with a single mode of action, such as ALS herbicides, in the same field over a number of years. Growers should apply products containing herbicides with different modes of action or use sequences or tank mixes where two or more components are active against the target weeds.

**CROP SPECIFIC INFORMATION**

**CLAYTON BRAZEN** is a post-emergence herbicide for use in the spring on all varieties of winter and spring barley, winter and spring oats, winter wheat, winter rye and winter triticale.

**SPRING APPLICATION - CEREALS. WINTER WHEAT, WINTER BARLEY, WINTER OATS, WINTER RYE & TRITICALE**

**Application Rate:** One application of up to 25g product/ha will control all susceptible emerged weeds.

**Application Timing:** Apply once the crop has reached 3 leaves (GS13), up to and including flag leaf (leaves just visible stage (GS39 inclusive)).

**Water volume:** 100-300 l water/ha. The lower volume must only be used in open crops on small weeds.

**SPRING BARLEY AND SPRING OATS**

**Application Rate:** One application of up to 25 g product/ha will control all susceptible emerged weeds.

**Application Timing:** Apply once the crop has reached 3 leaves (GS13), up to and including the second node detectable stage (GS 32 inclusive). Water volume: 100-300L water/ha. The lower volume must only be used in open crops on small weeds.

**SOIL**

**CLAYTON BRAZEN** is mainly absorbed by the leaves of the weeds and as such can be applied on all soil types.

**FOLLOWING CROPS**

Only the following crops can be sown in the same year after a crop treated with **CLAYTON BRAZEN** has been harvested: cereals, oilseed rape, field beans and grass. Vigour reductions may be seen in the following crops of oilseed rape after a dry summer. This will be outgrown and will not result in yield loss.

Only the following crops can be sown in the following calendar year after treatment with **CLAYTON BRAZEN**: 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.

**WATER VOLUME**

**Apply CLAYTON BRAZEN** in 100-300 l/ha of water. The lower volume must only be used in open crops on small weeds.

**MIXING**

Half fill the spray tank with clean water and add the required amount of **CLAYTON BRAZEN**. Add the remainder of the water and continue agitation until spraying is completed. When tank mixes are to be 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, solution concentrate. Each product should be added separately to a half-filled spray tank and fully dispersed before the addition of the next product. Apply **CLAYTON BRAZEN** as a MEDIUM spray as defined by the BCPSP system.

**TANK CLEANING PROCEDURE**

To avoid subsequent injury to crops other than cereals all spraying equipment must be thoroughly cleaned both inside and outside with a spray cleaner suitable for ALS products as follows:

1. Immediately after spraying drain the tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
  2. Rinse inside the 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 the tank with clean water and add the ammonium based cleaner at the recommended rate. Agitate and then briefly flush through 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 the ammonium-based cleaning solution containing 50 ml of the ammonium based cleaner 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 the Code of Practice for Using Plant Protection Products. Do not spray on to sensitive crops or land intended for cropping with sensitive crops.
- Note:** If it is not possible to drain the tank completely, step 3 must be repeated before going on to step 4.