

FLAME

MAPP 17842



Contents: 120 g e

AUK-UK_Flame_120G_LBL_27-02-17

A soluble granule containing 500 g/kg tribenuron-methyl for the post-emergence control of specified broad-leaved weeds in winter wheat, winter barley and spring barley.

FLAME® – contains 500 g/kg (50.0% w/w) tribenuron-methyl

CAUSES SERIOUS EYE IRRITATION - MAY CAUSE AN ALLERGIC SKIN REACTION - VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Avoid breathing spray • Wear protective gloves, protective clothing, eye protection and face protection • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing • If skin irritation or rash occurs: Get medical advice/attention • If eye irritation persists: Get medical advice/attention • 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 man and the environment, comply with the instructions for use.**

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

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE.

Crops/Situations	Maximum Individual Dose	Maximum Total Dose	Maximum Number of Treatments	Latest Time of Application
Winter wheat, Winter barley, Spring barley	30 grams product /ha	30 grams product /ha	1	Until when the flag leaf ligule is just visible (GS39)

Other Specific Restrictions: Not to be applied before the end of February in the year of harvest.

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.

SAFETY PRECAUTIONS

Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment: WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IF YOU FEEL UNWELL, seek medical advice (show the label if possible).

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WASH HANDS before meals 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

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

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

DO NOT RE-USE CONTAINER for any purpose.

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 dry and protect from frost in a suitable pesticide store.

For advice on medical emergencies, fires, spillages or chemical hazards, telephone: 01235 239 670 (24 hour)

Approval Holder and Marketing Company:

Albaugh UK Ltd., 1 Northumberland Avenue, Trafalgar Square, London WC2N 5BW, UK
Tel: 020 3551 2580 - www.albaugh.eu

Batch number and manufacturing date: see pack



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.

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GENERAL INFORMATION

Flame is a contact herbicide with some activity via root uptake. Flame is intended for the control of certain broad-leaved weeds in winter wheat and in winter and spring barley. Flame may be applied post-emergence of the crop in the spring from the three leaf unfolded stage (GS13) until the flag leaf ligule is just visible (GS39). Best results will be obtained from early post-emergence applications to weeds that are small and actively growing.

WARNINGS AND RESTRICTIONS

EXTREME CARE MUST BE TAKEN TO AVOID SPRAY DRIFT onto non-crop plants outside the target area.

DO NOT APPLY under windy conditions.

DO NOT ALLOW SPRAY SWATHS TO OVERLAP as crop damage may occur.

Do not apply to broadcast crops.

Do not treat undersown cereals or those due to be undersown

Do not cultivate or disturb the soil after application.

Do not use on any soil with poor or compacted soil structure or that is subject to waterlogging.

A reduced level of weed control may result if a prolonged dry period follows application.

Under certain climatic conditions, some transient discolouration of the crop foliage may occur, which can be particularly severe if heavy rain falls soon after application. These transient symptoms are quickly outgrown and have no adverse effect on crop yield.

Do not apply to crops that are under stress from any cause including pest or disease attack, frost damage or nutrient deficiency.

Avoid making applications during prolonged or severe frosty conditions as there is a risk of transitory crop damage from which the crop will normally recover.

Trace amounts of Flame remaining in the sprayer after use can cause damage to other crops subsequently treated with the same equipment. Immediately after use thoroughly clean the sprayer and all equipment as detailed in the section "SPRAYER DECONTAMINATION".

Contract agents should be consulted before using on crops grown for seed.

Effects on processed crops have not been established. Consult processor before using on crops intended for processing.

RESISTANCE MANAGEMENT

This product contains tribenuron-methyl, which is an ALS inhibitor. Tribenuron methyl is classified by the Herbicide Resistance Action Committee (HRAC) as 'Group B'.

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered resistant to a herbicide if it survives a correctly-applied treatment at the recommended dose.

Development of resistance within a weed species can be avoided or delayed by sequencing or tank-mixing with suitable products having a different mode of action.

A strategy for preventing and managing resistance should be adopted. The Weed Resistance Action Groups have produced guidelines and copies are available from AHDB, CPA, your distributor, crop adviser or product manufacturer.

The weed resistance strategy should be based on Good Agricultural Practice and include the following:

DO NOT use 'Flame' as the sole means of weed control in successive crops.

- Follow the label recommendations.
- Adopt complementary weed control practices.
- Minimise the risk of spreading weed infestations.
- Implement good spraying practice to maintain effective weed control.
- Use the correct spray nozzles to maximise coverage.
- Apply only under appropriate weather conditions.
- Monitor herbicide performance and report any unexpected results to Albaugh UK Ltd.

APPLICATION

Before use, make sure the spraying equipment is cleaned from any previous use and that it is calibrated to apply the recommended spray volume and pressure. After use, make sure the sprayer and all equipment are thoroughly cleaned as detailed in the section "SPRAYER DECONTAMINATION".

Apply 30 g/ha in 200 litres of water per hectare as a MEDIUM spray (BCPC). Do not allow the spray boom to bounce or yaw, and ensure an even coverage of the weed foliage.

MIXING

Quarter fill the sprayer tank with clean water and begin gentle agitation. Add the required quantity of product into the sprayer tank and allow to disperse fully. Rinse the empty containers thoroughly by using an integrated pressure rinsing device or manually rinsing three times. Add the washings to the sprayer and continue agitation whilst topping up the tank with water to the required level. Continue agitation until the mix is sprayed out. Spray immediately after mixing, do not allow the mixture to stand in the sprayer. When using tank-mixes follow any specified order of addition on the partner product label(s).

SOIL CONDITIONS

FLAME may be used on all soil types. Adequate soil moisture is essential to achieve optimum weed control.

WEEDS CONTROLLED

The following weeds are controlled by a post-emergence application of FLAME at 30 grams/ha.

Common chickweed	Susceptible to 15 cm
Thale cress	Susceptible to 6 leaves
Volunteer oilseed rape	Susceptible to 6 leaves
Common poppy	Susceptible to 6 leaves
Scentsless mayweed	Susceptible to 6 leaves
Field forget-me-not	Susceptible to 6 leaves
Red dead-nettle	Susceptible to 6 leaves
Shepherd's-purse	Susceptible to 6 leaves
Charlock	Susceptible to 6 leaves

TANK MIXTURES

DO NOT apply this product to any cereal crop in sequence or tank-mixture with any product containing an 'ALS inhibiting' herbicide. Follow the label recommendations of the partner product when using any tank-mix.

FOLLOWING CROPS

Sow only cereals, field beans or oilseed rape in the same calendar year as the harvest of a cereal crop treated with Flame.

REPLACEMENT CROPS

In the event of a crop failure for any reason, sow only cereal crops within 3 months after the application of Flame. After 6 months field beans and oilseed rape may also be sown. Before sowing, soil should be ploughed and cultivated to a depth of at least 15 cm.

SPRAYER DECONTAMINATION

Immediately after use, the sprayer and all other equipment must be thoroughly cleaned and decontaminated to prevent any traces of Flame remaining in the sprayer and causing damage to crops treated subsequently with the sprayer. Thoroughly clean and decontaminate the sprayer including the outside of the sprayer, lid, booms, nozzles, and all other equipment, using either a proprietary mixture of sodium hypochlorite and caustic potash formulated for this purpose, OR domestic ammonia solution.

DO NOT use a combination of sodium hypochlorite and ammonia in any cleaning procedure due to the risk of dangerous fumes.

1. Drain the sprayer and clean the outside to remove any contamination.
2. Rinse the inside of the tank with water and flush through the booms, hoses and nozzles using clean water to fill at least 10% of the tank volume, then drain the tank until completely empty.
3. Half fill the spray tank with clean water and add a proprietary tank cleaner (as above) in accordance with the manufacturers recommendations. As an alternative, use 0.3 litres of domestic ammonia solution (typically 9% strength) per 100 litres of tank capacity (or equivalent to give a final strength in the sprayer of 0.03%). Agitate and then flush the boom, hoses, and nozzles with the solution and drain. Fill the tank with clean water and agitate for a minimum of 15 minutes. Flush the hoses and boom and drain until empty. (If the tank does not empty completely, repeat the

1. procedure using fresh proprietary tank cleaning mixture or household ammonia as above).
2. Remove the sprayer nozzles and all filters, clean and soak in a solution of proprietary tank cleaner or household ammonia of 0.03% as used in the sprayer.
3. Carry out a final rinse of the sprayer with clean water using a minimum of 10% of the tank volume and then flush through the boom and hoses, drain and leave to dry.
4. Follow the Code of Practice for the Safe Use of Pesticides on Farms and Holdings for the disposal of sprayer and tank washings. Do not spray onto land intended for cropping with sensitive crops.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under Plant Protection Products Regulations. It provides additional advice on product use at the discretion of the applicant. The measuring beaker supplied with this product is calibrated to an accuracy of +/- 7,5%.

TERMS AND CONDITIONS OF SUPPLY, SALE AND USE

Many factors can affect or influence the activity of this product, including, but not limited to: weather and soil conditions, crop variety, treatment timing, water volume, application rates, spraying techniques, crop rotation, regional factors, and the occurrence and development of strains resistant to the active ingredient. Under certain circumstances, changes in activity or crop damage can occur. The manufacturer or supplier is unable to accept any liability in these circumstances. All goods supplied by us are of a high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or 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 for any damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff, our agents or the re-sellers of the product whether or not they supervise or assist in the use of such goods.

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