0448/2024

Elumis®

syngenta®

GROUP 27 2 HERBICIDES

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

In case of toxic or transport emergency ring +44 (0)1484 538444 any time.

SHAKE WELL BEFORE USE
PROTECT FROM FROST

Product reg. no: MAPP 19997 **PCS No.** 04189 **UFI:** 8FF8-K0Q2-500P-7U7U

Oil based dispersion formulation containing 75 g/litre of mesotrione and 30 g/litre nicosulfuron.

Herbicide for the moderate control of perennial grass weeds, and the control of annual grass and broad-leaved weeds in maize.

This product label is compliant with the CPA Voluntary Initiative (VI) guidance (UK only).

The Voluntary Initiative

Specimen 2026 to date

FOR PROFESSIONAL USE ONLY

Oil based dispersion formulation containing 75 g/litre mesotrione and 30 g/litre nicosulfuron.

Danger (Ireland and Northern Ireland only)
Warning
Suspected of damaging the unborn child.
Very toxic to aquatic life with long lasting effects.
Can cause very long-lasting and diffuse contamination of water resources (Ireland and Northern Ireland only)
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/ protective clothing/ eye protection.
IF exposed or concerned: Get medical advice/attention.
Collect Spillage.
Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty triple rinsed clean 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.

MAPP 19997
PCS No. 04189
UFI: 8FF8-K0Q2-500P-7U7U

Authorisation holder & UK Marketing Company	Ireland Marketing Company
Syngenta UK Limited, Jealott's Hill International Research Centre, Bracknell, Berkshire, RG42 6EY Tel +44 (0) 1223 883400	Syngenta Ireland Ltd., Block 6, Cleaboy Business Park, Old Kilmeaden Road, Waterford Tel: (051) 377203

Lxxxxxxx GBRI/02E PPE xxxxxxx

5 litres

Product names marked ® or ™ , the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

IMPORTANT INFORMATION
FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crop	Maximum individual dose (litres product/ha)	Maximum number of applications	Latest time of application
Grain and Forage Maize (open crops only)	1.5	1 per crop	8 leaves unfolded (GS 18)

Other Specific Restriction:
Do not apply by hand-held equipment.
To avoid the build up of resistance do not apply this or any other product containing an ALS inhibitor herbicide with claims for control of grass-weeds more than once to any crop.

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.

Specimen Label 2026 Update

SAFETY PRECAUTIONS
(a) Operator protection
AVOID ALL CONTACT WITH SKIN.
WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.
FOR USE BY TRACTOR MOUNTED/TRAILED SPRAYER ONLY.

(b) Environmental protection
(LERAP applies to the UK only)

LERAP

To protect aquatic organisms respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.
DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticide (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water.
This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with the 'Local Environment Risk Assessment for Pesticides Horizontal Boom Sprayers' booklet available from the HSE Chemicals Regulation Division's website or the statutory buffer zone must be maintained.
The results of the LERAP must be recorded and kept available for three years.
DO NOT CONTAMINATE WATER WITH THE PRODUCT OR ITS CONTAINER.
Do not clean application equipment near surface water.
Avoid contamination via drains from yards and roads.
Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

(c) Storage and disposal
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.

This leaflet is part of the approved Product Label.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

RESTRICTIONS

- Do not apply to sweetcorn, maize grown for seed production or grown in production of inbred lines.
- Do not treat with ELUMIS® once a soil insecticide based on an organophosphate such as phorate has been applied.
- Do not mix with foliar or liquid fertilisers.
- Do not apply in sequence or in tank-mix with a product containing any other sulfonylurea.
- Under certain conditions, some transient yellowing and/or crop stunting and/or loss of vigour can be seen after treatment. This is quickly outgrown and no yield effect has been shown.
- Applications should not be made to maize crops that are under stress, as this may lead to incidences of more persistant crop damage. Apply product at the recommended dose rate to a healthy crop.
- Strains of some annual weeds (e.g. black-grass, wild-oats, and 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 have been produced by the Weed Resistance Action Group and copies are available from the AHDB, CPA, your distributor, crop advisor or product manufacturer.
- Avoid the use of ELUMIS, or any other ALS inhibitor herbicide, as a sole means of grass and broad-leaved weed control in successive crops.
- Some flower deformation may be seen on particular sensitive varieties e.g. Abraxas, Fjord and Rival.
- Take extreme care to avoid drift onto non-crop plants outside the target area.
- Take extreme care to avoid drift onto all crops ouside the target area, otherwise crop damage will result.
- Avoid overlapping spray swaths, as considerable crop damage may occur which may not grow out and could lead to yield reductions.
- Ensure spraying equipment is thoroughly washed out according to officially approved guidelines or regulations.
- Only dispose of washings, split material and packaging according to officially approved guidelines or regulations.
- The freshly treated area must not be grazed, no food or feed collected from it.
- Do not enter treated areas before spray deposit on leave surfaces has dried, unless protective clothing is worn.

Supplement
2015 v1 date

• Use of ELUMIS is not recommended for use in more than 2 consecutive seasons at a time in continuous maize production.

WEEDS CONTROLLED

ELUMIS can be used to control the following weeds in maize. For best results ELUMIS should be applied when weeds are small and actively growing. Do not spray when weed or crop foliage is wet.

	Common name	**Maximum Growth stage (BBCH)**
Susceptible	Barnyard grass	25 (mid tillering)
	Annual meadowgrass	27 (mid to late tillering)
	Common Amaranth	33 (3 nodes)
	Volunteer Oilseed Rape	14 (4 true leaves)
	Shepherds Purse	16 (6 true leaves)
	Many seeded goosefoot	21 (1 side shoot)
	Maple leaved goosefoot	13 (3 true leaves)
	Fig-leaved goosefoot	18 (8 true leaves)
	Fat Hen	43 (before flower buds visible)
	Common fumitory	16 (6 true leaves)
	Common hemp nettle	14 (4 true leaves)
	Cleavers	15 (5 whorls)
	Red dead nettle	33 (3 nodes)
	Perennial Ryegrass (from seed)	21 (1 tiller)
	Pineappleweed	21 (1 tiller)
	Scentless mayweed	21 (1 side shoot)
	Scented mayweed	21 (1 side shoot)
	Redshank	25 (5 side shoots)
	Pale persicaria	21 (1 side shoot)
	Black bindweed	21 (1 side shoot)
	Black nightshade	16 (6 true leaves)
	Common Chickweed	41 (before flower buds visible)
	Common field speedwell	13 (3 true leaves)
	Field Pansy/Wild Pansy	12 (2 true leaves)
Moderately susceptible	Couch grass	21 (1 tiller)
Moderately resistant	Knotgrass	36 (6 nodes)

Specimen-2026 to date

ELUMIS gives useful control of the top growth of Common couch in the year of application, but reduction of growth in the following year has not been established.

WEED RESISTANCE

This product contains nicosulfuron which is an ALS inhibitor, also classified by the HRAC as 'Group 2' and mesotrione which is an HPPD inhibitor, also classified by HRAC as 'Group 27'.

Use ELUMIS only as a part of a resistance strategy that includes cultural methods of control and does not use ALS inhibitors as the sole chemical method of grass-weed control.

There is potential for resistance to develop to ELUMIS if the product is used alone in monoculture over a number of years. ELUMIS should not be used for more than 2 years in a row without a break in situations of continuous maize production. ELUMIS should be used in mixture or in sequence with herbicides with other modes of action, particularly in continuous maize, as part of a weed resistance management plan. Crop rotation, in which using herbicides with different mode of action, can be practised as an alternative to reduce risk of development of resistance.

CROP SPECIFIC INFORMATION

Timing and Rates of Use

ELUMIS should be applied to the maize crop from the 2 leaf stage of the crop to no later than the 8 leaf stage. Refer to maximum weed growth stage limits approved. Apply ELUMIS at 1.5 litres per hectare.

Specimen-
2026 to date

FOLLOWING CROPS AND RECULTIVATION

Recultivation

Forage maize and grain maize can be re-seeded immediately after ploughing in the case of crop failure.

Rotational crops

Autumn

Winter wheat and winter barley can follow a forage maize and grain maize crop treated with ELUMIS provided the soil has been ploughed to a depth of 15cm.

Spring

Forage maize and grain maize, ryegrass, spring wheat and spring barley may be sown in the spring following application of ELUMIS, do not sow any other crop at this time.

MIXING AND SPRAYING

Preparation of the spray solution

Shake thoroughly the ELUMIS container. Half fill the spray tank with clean water and begin agitation. Add the required quantity of ELUMIS to the tank and complete filling. Continue agitation until spraying is completed.

Application

Application of ELUMIS will be achieved by using conventional ground spraying equipment at water volumes of 100-400 L/ha. Apply using a medium quality spray (BCPC) at a pressure of at least 2 bar.

Even cover of weeds is essential.

After Use

Disposal of spray tank washings should be in accordance with local, state or national legislation.

Tank cleaning procedure

The following cleaning procedure is recommended:

1. Drain tank completely then flush tank, boom and hoses with clean water. Drain again.
2. Half fill the tank with clean water and add a detergent (e.g. Bonus™ - 100 mL/200L water) or a sodium hypochlorite based solution. Flush through boom and hoses and then allow standing for 10 minutes with agitation. Drain completely.
3. To remove traces of detergent, rinse the tank with clean water and flush through booms and hoses.
4. Repeat step 2.
5. Nozzles and filters must be removed and cleaned separately with the detergent solution at the same concentration as above.
6. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.

Specimen
2026 to date

SOIL CONDITIONS

ELUMIS can be used on all soils (light, medium and heavy soils). High organic material content in soil may impair activity.

To access the Safety Data Sheet for this product, scan QR code:

UK

Ireland

Alternatively, contact your supplier.

Specimen
2026 Update

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