

Maya

A suspension concentrate containing 401.58 g/l bromoxynil present as a mixture of the butyrate, phenol and octanoate esters.

MAYA is recommended for use as a selective herbicide in forage maize, grain maize, sweetcorn, bulb onion, shallot, barley, oats, wheat, and linseed, for the control of a wide range of annual broadleaf weeds.

PRODUCT BENEFITS

- Replacement for ioxynil + bromoxynil products.
- Fills the gaps in spectrum left by many existing spring broadleaved weed herbicides.
- Non ALS resistance management and no mixture or sequence problems.
- Good Fat hen control in linseed.
- Can now be applied to maize and bulb onions grown from seed.

Buffer zone: LERAP category B

Pack size: 5 litres

Storage: PROTECT FROM FROST
FOR PROFESSIONAL USE ONLY



Grow a better tomorrow.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL HERBICIDE.

Crop	Maximum individual dose	Maximum total dose	Latest time of application
Forage maize, grain maize, sweetcorn (outdoor)	1.0 l/ha	1.0 l/ha	Before nine fully expanded leaves (GS 19)
Bulb onion, shallot	0.75 l/ha	0.75 l/ha	Four true leaves (GS 14)
Spring barley, winter barley, spring oats, winter oats, spring wheat, winter wheat			Before second node detectable stage
Linseed	1.0 l/ha	1.0 l/ha	Before the crop is 15 cm tall

Other specific restrictions:

- 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 Directorate's website or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.
- Applications should only be made to bulb onion and shallot crops that will be mechanically harvested.
- Applications to bulb onion and shallot should only be made between 1 May and 30 September.

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.

MAPP 16760

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

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 treat crops suffering from stress caused by drought, frost, disease or other adverse factors.

CONSULT PROCESSOR BEFORE USING ON CROPS FOR PROCESSING.

Avoid overlapping spray swaths.

WEEDS CONTROLLED

Applied as post-emergence herbicide in maize, sweetcorn, bulb onion, shallot, and linseed MAYA controls a wide range of annual broadleaved weeds, especially young seedlings.

The treatment must be made when the weeds are between the cotyledon stage and the six leaf stage.

Weed species	1.0 l/ha	0.75 l/ha	0.6 l/ha
Bindweed, black	S	S	S
Bindweed, field	S	S	S*
Chickweed, common	MR	MR	R
Dock, broadleaved	R	R	R
Fat hen	S	S	S*
Knotgrass	S	S	MS
Nightshade, black	S	S	S*
Orache, common	S	S	S*
Redshank	MS	MS	MS

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

S* = Very susceptible species which will be controlled by a dose of 0.6 l/ha MAYA under optimum conditions (Warm moist soils and bright sunshine).

Barley, wheat and oats

Weeds	Weed size	0.75 l/ha	0.6 l/ha	0.5 l/ha
Bindweed, black	One leaf	MR	–	–
Chickweed, common	Four leaves ¹	MS	–	–
Fat hen	Four leaves	–	S	–
Groundsel	Six leaves	S	S	–
Mayweed scentless	Four leaves	MR	–	–
Nightshade, black	Two leaves	MS	–	–
Volunteer oilseed rape	Six leaves	–	–	S

¹Application to Chickweed at larger growth stages will give a significantly reduced level of control.

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

CROP SPECIFIC INFORMATION

Forage maize, grain maize and sweetcorn

Maximum individual dose

1.0 l/ha.

Maximum total dose

1.0 l/ha.

Timing

Apply from the two leaf stage of the crop up to the eight leaf stage (GS 12–18). The period of treatment must be determined by the growth of the weeds rather than by the growth of maize. The duration of protection covers the whole period when maize is susceptible to weed competition.

Water volume

Apply in 200 litres of water per hectare.

Linseed

Maximum individual dose

1.0 l/ha.

Maximum total dose

1.0 l/ha.

Timing

Apply when the crop is 3–15 cm tall but before flower buds are visible.

Water volume

Apply in 200 litres of water per hectare.

Winter and spring wheat, winter and spring barley, winter and spring oats

To avoid scorch apply MAYA to young plants under cool conditions, if the weather during application turns hot, spray in the evening when temperatures have fallen.

Maximum individual dose

0.75 l/ha.

Maximum total dose

0.75 l/ha.

Timing

Autumn and spring sown cereals. Wheat, barley and oats may be treated from the two fully expanded leaf stage but before second node detectable stage.

Water volume

Apply in 200 litres of water per hectare.

Bulb onion, shallot (grown from seed)

APPLICATION SHOULD ONLY BE MADE TO BULB ONION AND SHALLOT CROPS THAT WILL BE MECHANICALLY HARVESTED.

DO NOT APPLY MAYA TO BULB ONION OR SHALLOT GROWN FROM SETS.

Maximum individual dose

0.75 l/ha.

Maximum total dose

0.75 l/ha.

Timing

Apply between 1 May and 30 September. Apply from crop emergence until four true leaves (GS 14). It is important to note that crop tolerance is related to the development of leaf waxes and application when the development to leaf waxes has been impaired may cause crop damage. This could be when the crop is under stress or when applied before three true leaves are fully expanded when the development of waxes may not be complete.

Water volume

Apply in 200 litres of water per hectare.

MIXING AND SPRAYING

Partly fill the tank with water to a level of approximately a third of total, and then start agitation. Add the required quantity of MAYA to the tank. Maintain agitation during treatment.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

Do not spray in windy weather.

Do not apply using handheld or low pressure equipment or at water volumes lower than those recommended.

Tank cleaning

Wash spray equipment and container thoroughly with alkaline solution.

Rinse twice through the system with pump to ensure that all pipes and nozzles are rinsed thoroughly.

COMPATIBILITY

Consult the manufacturer's labels and leaflets for use recommendations.

WEED RESISTANCE

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 alternating (or tank mixing) with suitable products having a different mode of action.

Key aspects of the MAYA weed resistance management strategy are:

- Always follow the WRAG guidelines for preventing and managing herbicide resistance.
- MAYA is a nitrile herbicide (HRAC Code C3) whose mode of action is via membrane disruption caused by activated oxygen radicals formed by photosynthesis. Do not use MAYA, or any other C3 herbicide, as a sole means of broadleaved weed control in successive crops.
- Always use broadleaved weed herbicides with other modes of action throughout the crop rotation.
- Always monitor weed control effectiveness and investigate any occurrences of poor effectiveness. If unexplained contact your agronomist who may consider a resistance test appropriate.

MAYA is a registered trademark of Nufarm UK Limited.

MAYA

A suspension concentrate formulation containing 402 g/l bromoxynil.

**WARNING**

Harmful if swallowed.

Harmful if inhaled.

May cause an allergic skin reaction.

Suspected of damaging the unborn child.

Very toxic to aquatic life with long lasting effects.

Avoid breathing spray.

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

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

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

IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.

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.

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

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, APRON) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

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

DO NOT APPLY by knapsack sprayer.

WHEN USING DO NOT EAT DRINK OR SMOKE.

AVOID ALL CONTACT WITH SKIN AND EYES.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within five metres of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone or within one metre 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 CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

Storage and disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDSTUFFS.

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.

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

DO NOT RE-USE CONTAINER for any purpose.