

HY-MCPA

Contains 500g per litre (44.25% w/w) MCPA as the dimethylamine salts.
Formulation: Soluble concentrate

A selective herbicide for control of broad-leaved weeds in cereals and grassland.

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

MAFF 14927

HY-MCPA is a registered product of Agrichem Limited which is an associated company of Agrichem (International) Limited.

Approval Holder:

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IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL, HORTICULTURAL OR INDUSTRIAL HERBICIDE

Crop	Maximum Individual Dose (product)	Maximum Total Dose	Latest timing
Wheat, barley and oats	3.3 l/ha	3.3L/ha/crop	Before 1st node detectable
-undersown with red clover	1.4 l/ha	1.4L/ha/crop	Before 1st node detectable
-undersown with grass only	2.7 l/ha	2.7L/ha/crop	Before 1st node detectable
Grassland	3.3 l/ha	6.6L/ha/year	-
Grass (seed crop)	3.2 l/ha	3.2L/ha/year	Five weeks before heading

Net contents: 5L-20L 

PROTECT FROM FROST.

SAFETY INFORMATION

Classification according to CHIP Regulations (CHIP 3.1)



Harmful X



Dangerous for the Environment N

HY-MCPA

A soluble concentrate containing 500g/l MCPA as the dimethylamine salt.

- R22 HARMFUL IF SWALLOWED
- R37 IRRITATING TO RESPIRATORY SYSTEM
- R41 RISK OF SERIOUS DAMAGE TO EYES
- R50/53 HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE AFFECTS IN THE MARINE ENVIRONMENT

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
WEAR EYE/FACE PROTECTION.

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Safety Phrases

- S26 IN CASE OF CONTACT WITH EYES RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE
- S35 THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.
- S39 WEAR EYE/FACE PROTECTION.
- S57 USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.
- FS51 DO NOT CONTAMINATE PONDS, WATERWAYS OR DITCHES WITH CHEMICAL OR USED CONTAINER.

Do not clean application equipment near surface water. Avoid contamination via drains and from farmyards and roads. To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

To avoid risk to man and the environment comply with the instructions for use.

All above must be on front panel together excepting the company NAME AND ADDRESS.

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 GLOVES AND FACE PROTECTION (FACE SHIELD) when handling the concentrate.

WEAR 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 hand held equipment.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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

Environmental Protection

DO NOT ALLOW DIRECT SPRAY from ground crop sprayers to fall within 5m 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 1m of top of ditch which is dry at the time of application. This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. A LERAP must be carried out in accordance with PSD published guidance before each spraying operation from a ground crop sprayer. The results of the LERAP must be recorded and kept available for inspection for three years.

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

KEEP LIVESTOCK OUT of treated areas until poisonous weeds such as Ragwort have died and become unpalatable.

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

Do not apply before the end of February in the year of harvest.

Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

WASH OUT CONTAINER THOROUGHLY, and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

DIRECTIONS FOR USE

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

Restrictions

Do not roll or harrow crops within a week of spraying.

Do not mow within four days of application.

The first four mowings after treatment must be composted for at least 6 months after use.

Do not treat newly established grass less than one year old.

WEEDS CONTROLLED -CEREALS.

Susceptible at 1.4L/ha at growth stage, Up to **six expanded true leaves** or **up to 100mm across /high**. Black mustard, Charlock, Fat-hen, Field penny-cress, Treacle mustard, White Mustard.

Susceptible at 1.6L/ha at growth stage, Cotyledons up to two expanded leaves. Corn buttercup, Runch, (Wild Radish), Shepherd's Purse.

Susceptible at 2.7L/ha at growth stage, Up to **six expanded true leaves** or **up to 100mm across/ high**. Volunteer Oilseed rape.

Moderately susceptible as 2.7 – 3.3L/ha, growth stage Controlled at cotyledons up to two expanded leaves and checked up to 100mm across/high. Common fumitory, Common Hempnettle, Common Orache, Small Nettle, Wild Cabbage, Common Poppy, Field Gromwell, Smooth Sow-thistle, Creeping Thistle.

Moderately resistant at 2.7- 3.3L/ha growth stage Cotyledons up to two expanded true leaves Black Bindweed, Common Chickweed, Corn Chamomile, Corn Spurrey, Field Pansy, Groundsel, Knotgrass, Pale Persicaria, Redshank, Scentless Mayweed, Speedwells.

Moderately Resistant (Top growth only may be killed) Bulbous Buttercup, Hoary Cress, Shepherd's-needle, Tares (vetches), Perennial Sow-thistle.

WEEDS CONTROLLED- GRASSLAND

Susceptible (Consistently good control of both roots and shoots) Greater Plantain, Ribwort Plantain.

Moderately susceptible(Weeds suppressed and top growth usually killed) Autumn Hawkbit, Cat's Ear, Common Knapweed, Compact Rush (spray in April to June Cut and remove stems either four weeks before or after treatment,) Creeping Buttercup* (Treat in spring or early summer), Creeping Thistle(Treat at early Flower bud stage), Common Daisy, Common Ragwort (Spray in spring when in rosette stage before flower spike starts to grow), Hoary Cress, Meadow Buttercup,(Treat in spring or early summer).Self Heal , Soft Rush (Treat as Compact Rush), Spear Thistle.

Moderately Resistant (Top growth only may be killed) Bulbous Buttercup (treat in Autumn on new leaf or in Spring), Colts Foot, Common Nettle*, Common Sorrel, Curled Dock*(treat pre-flowering or after defoliation.) Dandelion, Dwarf thistle, Hard Rush (treat as Compact Rush). Horsetails*(shoots only controlled, apply in May to June), Meadowsweet, Perennial Sow-thistle*, Sheep's Sorrel, Yarrow. Those species marked * should be treated at the higher rate to achieve the level of control indicated.

Crop Specific Information Always spray when the crop is actively growing.

Winter and Spring Wheat, Barley, Oats and Rye.

Application rate 1.4 to 3.3L/ha (seed weed susceptibility table)

Maximum total dose 3.3L/ha.

For all cereals apply in the Spring before 1st Node Detectable stages (GS31).

- Winter Wheat, Barley, Oats and Rye: Spray in the spring from the leaf sheath erect stage.
- Spring Wheat, Barley and Rye: Spray after the crop have developed five fully expanded leaves.
- Spring Oats: Spray after the crop has developed one fully expanded leaf.

Application under very hot conditions at later timing can cause ear damage if the crop comes under stress after application. Barley is particularly subject to malformation and particular attention must be paid to the correct growth stage if this crop is intended for malting. All varieties of winter and spring wheat, barley oats and rye may be treated. Apply in 200- 400L water/ha.

Undersown Cereals Do not apply to Cereals undersown with Lucerne, Peas or Safoin.

Red Clover Application rate: 1.4L product/ha.

Maximum total dose: 1.4L product/ha.

Application should be made when the red clover has at least two trifoliate leaves, and the cereal crop is at the correct growth stage, as listed above. Only apply if the weed canopy is dense and covers most of the clover seedlings. Some damage to red clover must be expected, but this will normally be out-grown. Do not apply if white clover is present.

Grasses Application rate 2.7L/product/ha

Maximum total dose 2.7L/product/ha.

Application should be made when the grasses have begun to tiller, and the cereal crop is at the correct growth stage, as listed above. Apply in 200-400L water/ha.

Grassland Application Rate 2.7 to 3.3 L product /ha.

Maximum total dose 6.6L product/ha.

Use on established grassland and leys no less than 1 year old. Apply HY-MCPA in spring and summer when growing conditions are favorable. Spray grass for hay or silage 3-4 weeks before cutting. Clover may be checked but recovers by the following spring. Follow up applications may also be needed where new seedling weeds appear. An interval of 4-6 weeks should elapse between successive applications if weeds persist.

A top dressing 10 days before treatment is recommended to assist kill of weeds and subsequent recovery of the sward. Annual weed species will be best controlled if spraying is done while the majority of weeds are seedlings. Perennial weeds should be sprayed during their period of maximum growth, usually when flower buds are beginning to form. The response of perennial weeds to treatments are often variable with only the aerial parts killed, though often suppression will occur. The recovery of the weeds will be reduced if the grass is growing vigorously at the time of treatment.

Apply in 200 – 400L water/ha.

Grassland (seed crops) Application rate 3.2Lproduct/ha

Maximum total dose 3.2L product/ha

The safe period of treatment occurs when the grasses have at least 4 leaves and have begun to tiller but at least 5 weeks preceding ear emergence. The best time varies according to the species and strain of grass concerned. Do not apply more than 3.2L/ha of HY-MCPA.

Mixing and Spraying

Half fill the tank with clean water and add the required amount of HY-MCPA, and add the remainder of the clean water with gentle agitation which should continue until the content are thoroughly mixed. Spray using a Medium/Coarse spray (BCPC).

Tank Cleaning. WASH EQUIPMENT thoroughly immediately after use. Rinse with water three times, drain and allow to dry. Traces of herbicide left in the sprayer may damage susceptible crops if these are subsequently sprayed using the same equipment.

COMPATIBILITY HY-MCPA can be tank mixed with other pesticides, please consult your Nufarm distributor or Nufarm UK Limited.

Resistance management 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. They can propagate and may become dominating. A weed species is considered to be resistant to a herbicide if it survives a correctly applied treatment at the recommended dose. A strategy for preventing and managing such resistance should be adopted. This should include integrating herbicides with a programme of cultural control measures. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop advisor, or product manufacturer.

Company Advisory Information

This section is not part of the Product label under the Control of Pesticides Regulations 1986.

Terms and Conditions of Use.

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