

FA 0195 of 2002

HYSWARD-P

Containing: 92g/l mecoprop-P (8.35% w/w)
16g/l dicamba (1.45% w/w)
101g/l MCPA (9.16% w/w) as the potassium salt.
Formulation: Soluble concentrate

For the control of a range of perennial weeds in established grassland and annual and perennial weeds in amenity grassland and managed amenity turf.

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

MAFF 09052

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

Agrichem (International) Limited, Industrial Estate, Station Road, Whittlesey, Cambridgeshire PE7 2EY. Telephone: (01733) 204019 Fax: (01733) 204162

Contents: 5L-20L

Date of Manufacture: SHAKE WELL BEFORE USE

BATCH NUMBER: PROTECT FROM FROST

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL/HORTICULTURAL HERBICIDE

Crop: Permanent grassland and rotational grass. Managed amenity turf and amenity grassland.

Maximum individual dose: see DIRECTIONS FOR USE

Maximum number of treatments: Two per annum

Latest time of application: 14 days before cutting or grazing (permanent grassland and rotational grass only)

The total amount of mecoprop-P applied to an individual crop, or in a single year in the case of a perennial crop, must not exceed the maximum dose of mecoprop-P approved for application to that crop by any single mecoprop-P containing product.

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.

This product is approved under the Control of Pesticides Regulations 1986.

T)0364P

SAFETY INFORMATION

Classification according to CHIP Regulations 2005 (CHIP 3.1).



IRRITANT

Risk Phrases	R36 R52/53	IRRITATING TO EYES. HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.
Safety Phrases	S2 S26 S39 S46 S61	Keep out of the reach of children In case of contact with eyes, rinse immediately with plenty of water and seek immediate medical advice Wear suitable eye/face protection. If swallowed, seek medical advice immediately and show this container or label Avoid release to the environment. Refer to special instructions/safety data sheets.

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

end of front panel. only Agrichem address, tel etc can be omitted from this section.

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.

*WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying by vehicle mounted equipment.

*WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES, RUBBER BOOTS AND FACE PROTECTION (FACESHIELD) when handling contaminated surfaces and applying by hand held equipment

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

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE from skin or eyes immediately.

Environmental Protection

*KEEP LIVESTOCK OUT of treated areas for at least two weeks following treatment and until poisonous weeds such as ragwort have died and become unpalatable.

*HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

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.

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.

HYSWARD P

General Weed control in sports turf, parks, cemeteries, airfields and other amenity grassland.
Perennial weed control including docks and thistles in established grassland.

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.

HYSWARD-P may be applied at any time during the season, but ideally spraying should be carried out when the weeds are actively growing and the soil is moist. HYSWARD-P is not so effective under drought conditions. Optimum weed control comes from treatment early in the season, during May but timing should take into account the management practices, the locality and the season.

Restrictions:

AVOID drift onto all broad-leaved plants outside the target area.

Fields sprayed with HYSWARD-P should not be cut for hay or silage or grazed for at least 14 days after treatment. If poisonous weeds such as ragwort or hemlock are present, the treated field should not be cut for hay or silage, or grazed until they have disappeared or become unpalatable.

Do NOT use HYSWARD-P on temporary clover leys or where clover is an important constituent of the sward. Use AGRICHEM DB PLUS under such circumstances.

Other RESTRICTIONS apply. See under CROP SPECIFIC INFORMATION

Following Crops:

Any crop may be sown after a crop treated with Hysward P.

Mixing:

FILLING THE SPRAYER; half fill the spray tank with clean water and start agitation. Add the required quantity of Hysward-P and top up the tank with water.

WASH EQUIPMENT thoroughly with water and a wetting agent or detergent immediately after use. Wash out again with clean water before using another product.

Crop Specific Information:

Agricultural Uses

Timing:	For perennial weed control in established grazing land, or where grass is taken for silage or hay, HYSWARD-P should ideally be sprayed when the majority of weeds have reached the flower bud stage (just before flowering). The timing of the flower buds visible stage varies depending on the weed species (early in the season for species such as creeping buttercup, or later for weeds like thistles and docks). Weed re-growth after cutting for hay or silage should be at a similar stage before spraying.
Dose:	Apply 5.0 litres, per hectare as an overall spray. Spot treatments can be carried out using 250ml in 10L water.
Water Volume: Spray Quality:	220-550 litres for an overall spray. medium quality spray (BCPC definition),

RESTRICTIONS

Fields sprayed with HYSWARD P should not be cut for hay or silage or grazed for at least 14 days after treatment. If poisonous weeds such as Ragwort or Hemlock are present, the treated field should not be cut for hay or silage, or grazed until they have disappeared or become unpalatable.

DO NOT use HYSWARD P on temporary clover leys or where clover is an important constituent of the sward. Use Agrichem DB Plus under such circumstances

WEED CONTROL

Docks (broad and curled):	Seedlings killed and shoots from old rootstocks checked.
Stinging nettles:	Top growth controlled at the young plant stage; some regrowth from roots may occur.
Creeping thistle:	Shoots checked from young plant to flower buds visible stage.
Creeping buttercup:	Checked at up to flower buds visible stage.
Daisy:	Checked at up to flower buds visible stage.
<p>The perennial weeds listed above may require a second treatment when any re-growth has sufficient leaves. Seedlings germinating after spraying are not controlled.</p> <p>Seedling = cotyledon to 2 true leaf stage. Young plant = up to the 6 true leaf stage, or 50mm across or high.</p>	

Amenity Grassland and Managed Amenity Turf

Timing:	Spraying may be carried out any time during the season providing that the weeds have been allowed to grow between mowings. A second treatment may be applied later in the season to control particularly heavy infestations, or the more resistant weeds. Hysward-P may be applied by knapsack sprayer where overall treatment is inappropriate, for example to control the re-growth of established perennial weeds. Allow 4-6 weeks between applications to enable weeds to develop sufficient foliage to maximise uptake of the treatment.
Dose:	Apply up to 9 litres per hectare as an overall spray. Or use as a spot treatment containing 250mls in a minimum of 10 litres of water.
Water Volume And Spray Quality:	As an overall spray, in 200-500 litres of water, at a maximum pressure of 2 bars, using a medium quality spray (BCPC definition) to reduce drift. As a spot treatment, see above. The higher volumes are most appropriate for closely mown swards, or where the weed population is very large or dense.

RESTRICTIONS

DO NOT CUT for 24 hours to allow the treatment to be absorbed, and preferably allow 2-3 days.
DO NOT use on new grass for six months after establishment.
DO NOT USE CUTTINGS as a mulch, however composted cuttings may be used 6 months after application.
DO NOT spray on windy days to avoid drift.
AVOID drift onto all broad-leaved plants outside the target area.
DO NOT SPRAY when rain is imminent.
DO NOT SPRAY during drought conditions, or when grass is otherwise under stress, such as following frost.

WEED CONTROL

HYSWARD-P controls the common turf weeds, Buttercup, Plantains, Common mouse ear and White clover at 7.5L/Ha.

The more resistant weeds, including well established perennials such as Daisy, Docks, Creeping thistle, and Nettles benefit from the full dose of 9L/Ha.

The level of kill of individual weeds is related to their stage of growth at the time of treatment.

COMPANY ADVISORY INFORMATION

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

TERMS AND CONDITIONS OF SUPPLY, SALE OR USE.

The goods supplied by Agrichem (International) Ltd are suitable for the purposes expressly set out in this label when stored, handled, mixed, applied and used in accordance with the instructions on this label. Agrichem (International) Ltd gives no warranty, statutory or otherwise as to the quality or fitness for purpose of the goods

other than that expressly set out above. Agrichem (International) Ltd accepts no liability for any injury, loss of life (except where caused by its negligence), damage or direct or indirect or consequential loss (all three of which terms include, without limitation, pure economic loss, loss of profits, loss of business, depletion of goodwill and like loss) howsoever caused arising out of or in connection with the storage, handling, mixing, application or use of goods otherwise than in accordance with these directions. A copy of Agrichem's full set of Terms and Conditions are available on request from Agrichem (International) Ltd.