

FA 1764 of 2001

HYBAN-P

Contains: 150g/l mecoprop-P (13.8% w/w)
18.7g/l dicamba per litre (1.7% w/w) as the potassium salts
Formulation: Soluble concentrate

For the control of broad-leaved weeds in cereals, including those undersown with grass. Also recommended for the control of annual and perennial broad-leaved weeds in permanent grassland including established leys and where clovers do not form an essential part of the sward.

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

MAFF 09129

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

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Contents: 5 - 20L

Date of Manufacture:

BATCH NUMBER:

SHAKE WELL BEFORE USE
PROTECT FROM FROST

IMPORTANT INFORMATION

FOR USE AS AN AGRICULTURAL HERBICIDE as directed below:

Crops:	Maximum dose	Maximum number of treatments	Latest timing
wheat, barley, oats, triticale & rye	5.0 litres/ha	One per crop	Before 1 st node detectable stage
wheat, barley, oats, triticale & rye (undersown with grass)	4.0 litres/ha	One per year	Before 1 st node detectable stage
Rotational grass and permanent grassland.	5.0 litres/ha	Two per year	-

Other Specific Restrictions

When applied as spot treatment, the maximum concentration must not exceed 8 litres product per 200 litres water.

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)0298N

SAFETY INFORMATION

Classification according to CHIP Regulations 2005 (CHIP 3.1).



IRRITANT

Risk Phrases

R41 RISK OF SERIOUS DAMAGE TO EYES
R52/53 HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

Safety Phrases

S2 Keep out of reach of children.
S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S39 Wear suitable eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

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 level 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.

DO NOT RE-USE for any other purpose.

Medical Advice

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

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:

Spray when growing conditions are good and there is a minimum of wind. Do NOT spray if there is sufficient wind to cause spray drift or heavy rain is expected.

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

Following Crops:

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

Mixing:

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

WASH EQUIPMENT thoroughly with water and wetting agent or liquid detergent immediately after use. Spray out, fill with clean water and leave overnight. Spray out again before storing or using for another product. Traces of product can cause harm to susceptible crops sprayed later.

Crop Specific Information:

Cereals: Winter and spring wheat, barley, oats, triticale and rye, including crops undersown with grass.

WEED CONTROL

The annual weeds controlled in the seedling and young plant stage at 5 litres per hectare include:

Annual Nettle	Corn Buttercup	Mayweed, Scentless
Annual Sowthistle	Cranesbill	Pennycress
Black Bindweed*	Fat Hen	Redshank*
Charlock	Fumitory	Shepherds Purse
Chickweed*	Groundsel	White Campion

Cleavers	Knotgrass*	Wild Radish
*These weeds in the seedling stage can be controlled at 4 litres per hectare.		

Those that are only checked and require an early application at the seedling stage:		
Hempnettle	Mayweed, Stinking	Speedwell
Pineapple Weed	Corn Poppy	

The perennial weeds controlled ie. Shoots killed and roots checked include:		
Creeping Buttercup	Docks	
Creeping Thistle	Plantain	
Spraying of Creeping Thistle should be carried out after the flower bud stage but before the crop has reached jointing stage.		

Weed resistance

Weeds which are resistant to HYBAN-P are Corn Marigold, Field Pansy and Red Deadnettle.

Recommendations for improved weed control with tank-mixtures.

The control of Hempnettle and Corn Poppy can be improved by the addition of a minimum of 1.5 litres/hectare of HY-MCPA in the spray tank with the HYBAN-P.

<p>Rates of use.</p> <p>Use HYBAN-P at 5 litres per hectare. In spring cereals a rate of 4 litres per hectare is sufficient providing the weed infestation is light, the weeds are in the seedling stage and the crop is growing vigorously.</p> <p>HYBAN-P may also be used on cereals undersown with grass at up to 4 litres per hectare providing the cereal is within the correct growth stage and the grass has at least 2-3 leaves.</p>
<p>Application and Timing</p> <p>For both autumn and spring sown cereals, spray in the spring, from the five leaf stage onwards, but before jointing has started.</p> <p>Do not spray crops that have been or are going to be undersown with clover or other legumes.</p> <p>Do not spray HYBAN-P once first node stage is reached. Do not spray if the crop is under stress from drought, or waterlogging. Late application to early maturing wheat varieties should in particular be avoided, as yield reductions may occur.</p> <p>Under some conditions temporary prostration of the crop may occur after spraying. The crop will soon recover and grow away normally.</p> <p>Annual weeds should be sprayed as early as possible providing they have all germinated and the crop is at the five leaf stage. If perennial weeds are the main problem, spraying should be delayed as late as possible before the crop has reached the first node detectable stage.</p> <p>Spraying should be carried out as accurately as possible with no overlapping or double application otherwise some crop scorch can occur. Do not roll, harrow or graze the crop within one week before or after spraying.</p> <p>NB Always spray HYBAN-P when growing conditions are good. Weed control is superior where the crop is vigorous and provides adequate competition.</p>

Grassland:

HYBAN-P controls a number of broad-leaved weeds in grassland. It also gives a useful reduction in established broad-leaved weeds including nettles, thistles and docks.

Restrictions

DO NOT exceed the maximum dose of 5 litres HYBAN-P per hectare. Animals should NOT be allowed to graze grassland for at least 14 days after spraying.

If poisonous weeds such as Ragwort are present do NOT allow livestock into the field for at least 14 days AND until the foliage has died and become unpalatable.

DO NOT cut sprayed fields for silage if poisonous weeds are present, until all such weeds are dead. DO NOT use HYBAN-P in fields in which clover forms an important part of the sward.

WEED CONTROL

Chickweed and Scentsless Mayweed - seedling and young plant (3-4 leaves).
Creeping Buttercup, Creeping Thistle Spear Thistle, Plantain, Dock, Daisy, Stinging Nettle

Do NOT graze the crop less than one week prior to spraying as time is needed to allow docks to re-grow prior to treatment.

Rates of Use

Use HYBAN-P in **grassland** at 5 litres per hectare, either as an overall treatment, or a spot treatment:

OVERALL TREATMENT: Apply 5 litres per hectare in at least 200 litres of water per hectare with a MEDIUM quality spray.

SPOT TREATMENT: Apply 800mls HYBAN-P in 20 litres water using a knapsack sprayer. Spray until foliage is completely wetted. A maximum of 5 litres HYBAN-P may be applied as a spot treatment on each treated hectare.

Application and Timing

For economical control of broad-leaved weeds in grassland HYBAN-P should be applied as a programme of sprays. In the first instance use HYBAN-P as an overall spray, preferably in May and June when the weeds are actually growing. Perennials are best treated when the flower buds are visible, although the product will be most effective against docks in the seedling stages or during the early stages of regeneration from shoots. Established perennials are unlikely to be sufficiently checked by a single season of treatment.

A second spray should be used to treat re-growth in Summer or Autumn, generally between August and October. For isolated patches of weeds, HYBAN-P may be used as a spot treatment and should be applied to completely wet the leaf surfaces until run-off. For long term reduction in docks, stinging nettles and thistles, treatment may have to be repeated in the following season.

Spray when growing conditions are good and there is a minimum of wind. Do NOT spray if there is sufficient wind to cause spray drift or if heavy rain is expected. Avoid drift onto all broad-leaved plants outside the target area.

Spray at 100-500 litres of water per hectare as a MEDIUM quality spray (BCPC definition) and always use a minimum of 200 litres/hectare if the crop is dense or the weeds are large.

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.