

HARMFUL
Keep out of reach of children

Puma[®] S

Contains: 69 g/litre fenoxaprop-P-ethyl + 18.75 g/litre mefenpyr-diethyl
(safener) in the form of an oil-in-water emulsion.
Also contains 409.5 g/litre hydrocarbon liquid.

Net Contents
1 litre / 10 litres

Herbicide

Selective grass weed herbicide for use in
Wheat, Perennial Ryegrass and Pasture



A handwritten signature in blue ink, likely of a government official, positioned below the red stamp.

17-08-2017

Registered pursuant to the ACVM Act 1997, No P3945
See www.foodsafety.govt.nz for registration conditions.

Approved pursuant to the HSNO Act 1996, No HSR000409
See www.epa.govt.nz for approval conditions

APPROVED HANDLER: This product must be under control of an approved handler when used by a commercial contractor.

HSNO Classifications: 6.1E, 6.3A, 6.4A, 6.5B, 9.1A



WARNING:

May be harmful if swallowed.

Harmful – may cause skin irritation.

Harmful – may cause eye irritation.

Harmful – may cause sensitization from prolonged skin contact.

Very toxic to aquatic organisms with long-lasting effects – must not be applied directly onto or into water.

PRECAUTIONS:

PERSONAL PROTECTION:

Do not eat, drink or smoke while using.

Wear protective clothing such as impervious gloves, waterproof hat, coat and trousers when using.

Remove protective clothing and wash hands and face thoroughly before meals and after work.

Avoid contact with the skin or eyes.

STORAGE: Store in original container tightly closed and in a locked dry, cool, well-ventilated area, away from foodstuffs.

SPILLS AND DISPOSAL: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section.

Contain the spill by damming, recover spilt product by absorbing with sawdust or an inert absorbent material then transfer the recovered spilt material to a properly labelled drum. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

Disposal: Dispose of this product only by using according to the label or at an approved landfill. Avoid contamination of any water supply with product or empty container.

Container Disposal: Triple rinse container and add residue to mixture. Take to an Agrecovery collection site.

FIRST AID:

If swallowed, do NOT induce vomiting.

For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

If skin contact occurs, remove contaminated clothing and flush skin with running water. If irritation occurs, seek medical advice.

If splashed in eyes, wash out immediately with water. If irritation persists, get medical advice.

If inhaled, move the victim to fresh air immediately.



17-08-2017

Puma S is a selective grass herbicide for use on autumn- and spring-sown wheat and perennial ryegrass for the control of wild oats and lesser canary grass (*Phalaris minor*), and pasture for the control of yellow bristle grass.

DIRECTIONS FOR USE

Mixing: Shake well before use. Add the required amount to a partly-filled spray tank with agitation system operating. Complete filling the tank with water and apply. Flush spray system with clean water after use.

Compatibility:

DO NOT USE PUMA S IN ANY MIXTURES WHEN APPLYING TO PERENNIAL RYEGRASS

When used on wheat, Puma S can be tank mixed with Cycocel® and Opus® in 2- and 3-way mixes. Care must be taken to ensure that recommended timings for all products are followed. The addition of a suitable adjuvant oil such as D-C-Trate® or Hasten® at label rates is recommended. Do not use Puma S within 5 days of broad-leaved herbicide applications.

Crop	Weeds	Rate	Remarks
Wheat	Wild oats	750 mL/hectare in 250 litres of water. Add adjuvant oil at recommended rates.	Apply when wild oats are between 3 leaf and 1 st node visible growth stage and when they are growing actively.
	Lesser canary grass (<i>Phalaris minor</i>)	750 mL/hectare in 250 litres of water. Add adjuvant oil at recommended rates.	Apply when weeds are between the 3 leaf visible stage and the end of tillering and are growing actively. Avoid application during periods of moisture stress.
Perennial ryegrass (<i>Lolium perenne</i>)	Wild oats	750 mL/hectare in 250 litres of water. Do not use with any other agrochemicals or adjuvants.	Apply in early spring when wild oats are between 3 leaf and end of tillering growth stage and are growing actively. Note: Seed yield response is likely to be reduced the longer the delay in the removal of wild oats in spring.
Pasture	Yellow bristle grass	750 mL/hectare in 250 litres of water. Do not use with any other agrochemicals or adjuvants.	Apply to established pasture 7 days after grazing during the period December/January.

NOTE: DO NOT USE ON BARLEY

IMPORTANT NOTES:

Gnawed canary grass (*Phalaris paradoxa*) is not controlled by Puma S at label rates. Do not overlap swath width in ryegrass crops as yield suppression may occur. Do not use Puma S with any other agrochemical or spray additive when applying to Perennial ryegrass.



Resistant weeds: Annual and hybrid ryegrasses, tall fescue, chewing's fescue, cocksfoot, browntop, grazing brome (=spiky brome – *Bromus stamineus*), prairie grass and most broad-leaved weeds.

Rainfastness: Puma S is rainfast within one hour of application.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

Withholding period:

Wheat:	70 days (Do not graze treated crop for at least 70 days after treatment).
Perennial ryegrass:	42 days (Do not graze treated crop for at least 42 days after treatment).
Pasture	28 days (Do not graze treated pasture for at least 28 days after treatment).

Soil Activity: Puma S is rapidly broken down by soil microbes causing no restrictions on crop rotations.

Undersown crops: Puma S can be used on crops undersown with certain grasses (See under "Resistant weeds" above) and clover. Do not use on crops undersown with "Concord" ryegrass.

CONDITIONS OF SUPPLY:

READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING. IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.

To the extent permitted by law Bayer does not accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with these goods, including without limitation their storage, application, handling or use. Bayer does not make any warranties (express or implied) with respect to fitness for purpose, merchantable quality or any other matter. To the extent only that Bayer is prevented by law from contracting out of the Consumer Guarantees Act, then these conditions apply subject to that Act. The Act shall not apply where these goods are acquired for business purposes.

Date of Manufacture:

Batch No:

Cycocel® and Opus® are registered trademarks of BASF

D-C Trate® is a registered trademark of Caltex

Hasten® is a registered trademark of Victorian Chemical Co.

Puma®S is a registered trademark of the Bayer Group

Registered to:

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EMERGENCY RESPONSE SERVICE (24 hrs) 0800 734 607



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Bayer



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