

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Sabakem

Prazon 400EC®

Selective Herbicide

ACTIVE CONSTITUENTS:

300g/L TRICLOPYR present as the BUTOXYETHYL ESTER
100g/L PICLORAM present as HEXYLOXYPROPYLAMINE SALT

GROUP I HERBICIDE

For control of a range of environmental and noxious woody and herbaceous weeds as specified in the Directions for Use table.

IMPORTANT: READ THIS LEAFLET BEFORE OPENING OR USING THIS PRODUCT

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GENERAL INSTRUCTIONS

MINIMUM RECROPPING PERIODS – Black Cracking Clay Soils, NNSW & QLD.

Table A: Boom Application

Plant-back periods for crops following the application of Sabakem Prazon 400EC® Selective Herbicide for rates up to 600mL/ha				
RATE mL/HA	200	300	400	600
CROP	Months			
Wheat	2	2	4	4
Barley	2	2	4	4
Canola	2	4	4	4
Faba bean	4	4	6	6
Chickpea	4	6	6	6
Lucerne	6	9	9	9

These plant-back periods are based on a normal rainfall pattern. During drought conditions (or when rainfall is less than 100 mm for a period of 4 months or greater) the plant-back period may be significantly longer.

Table B: Blanket Wiper Application

Plant-back periods for crops following blanket wiper application	
CROP	Months
Broadleaf Crops	18
Lucerne	6
This will allow any potential soil residues to dissipate, if any, and allow effective control.	

Note: Before using Sabakem Prazon 400EC® Selective Herbicide in tank mixes with other herbicides, check the plant-back information on all product labels. The most residual product, ie. the product with the longest plant-back period, will determine the time between spraying and planting.

COMPATIBILITY

Follow any regional restrictions, and all directions and restrictions on the label, of any chemical mixed with Sabakem Prazon 400EC® Selective Herbicide (eg. 2,4-D amine).

Sabakem Prazon 400EC® Selective Herbicide is compatible with the following herbicides: Sabakem 2,4-D 625® Selective Herbicide, Sabakem Metsulfuron 600WG® Herbicide, Sabakem Glyphosate 450CT® Herbicide, Sabakem Fluroxypyr 200EC® Herbicide, Glyphosate 490.

Sabakem Prazon 400EC® Selective Herbicide is compatible with the following adjuvants, as per Directions for Use:

Uptake[†], Pulse[†], non-ionic surfactant (1000g/L)

MIXING

Mix only with water.

Half fill the spray unit with water, and add the required amount of Sabakem Prazon 400EC® Selective Herbicide. Add the remaining water with the agitator running. If required, then add spray oils or wetters (surfactants). Maintain mechanical or by-pass agitation in the spray tank during spraying. Only mix sufficient solution for immediate daily use and avoid storing.

APPLICATION

1 WOOD WEED SITUATIONS

Weeds need to be actively growing for herbicides to have optimum effect. Delay treatment until all regrowth has had time to grow to approximately 1 metre in situations which have been bulldozed, slashed, burnt, ploughed or areas having a previous chemical treatment.

A High Volume Spraying

- Thorough coverage of foliage to the point of run-off is essential, however, avoid excess spraying which is wasteful of chemical.

Hand Gun

- Apply the recommended mix to give full coverage of leaves and stems through a No. 6 to 8 tip at 700 to 1500 kPa (400 to 500 kPa for St John's Wort).
- A spray volume of 3000 to 4000L per infested hectare of 1 to 2 metre high blackberry (30 to 40L/100m²) should be used.
- Use 2000L of spray mixture/ha of Galenia infestation (ie. 20L/100m² infested area).

Knapsack

- Apply the recommended spray mix to give full coverage of leaves and stems. The final volume of application should be similar to hand gun.
- A spray volume of 3 to 4L/10m² infested area should be used.
- A spray volume of 2L/10m² should be used for an area infested with Galenia.

B Aerial Application

- Apply in 200L of water/ha using an aircraft to apply 100L per pass on a double overlap pattern using nozzle configurations to produce droplets of 250 to 350 micron diameter.
- The potential for damage from drift can be greatly reduced by avoiding unsuitable spraying conditions and using spray pressure and nozzles to minimise the production of small droplets.
- DO NOT spray when wind exceeds 15km/hr and/or air temperature reaches 35°C.

C Controlled Droplet Application (C.D.A.)

- Results similar to high volume spraying can be obtained used Micron Herbi† or similar equipment. Select a nozzle to give a flow rate of 2 mL/sec and sweeping action of approximately 1 m/sec to ensure a droplet density of 20/cm². Use a marking agent, as recommended by the equipment manufacturers, to check spray coverage. Also, consult directions provided by C.D.A. unit.

D Low Volume High Concentrate Application Techniques

- Good control will be achieved, similar to high volume application, where bush size enables good coverage of entire bush. Use a marking agent, as recommended by the equipment manufacturers, to check spray coverage.
- Gas Powered Gun:** Apply 50mL shots to obtain uniform coverage of 4 to 5m² of surface area of bush. This relates to 20 droplets/cm² of leaf surface.
- Sprinkler Sprayer:** This technique involves using a micro sprinkler that is connected to a hollow fibreglass rod attached to a pneumatic knapsack sprayer. Use at low pressures (50 to 200 kPa) and apply with a slow sweeping action over the top of the plants ensuring even coverage on the leaves.

E Boom Application

- Application in a minimum spray volume of 200L/ha for Galenia and St John's Wort and 600L of water/ha for Sicklepod. Flat fan nozzles are recommended, using pressure in the range of 200-300 kPa. Boom height must be set to ensure double overlap of nozzle patterns.

2 FALLOW SITUATIONS

A Boom Application

- Application of Sabakem Prazon 400EC® Selective Herbicide in a minimum spray volume of 50L/ha is recommended. Flat fan nozzles are recommended, using pressure in the range of 200-300kPa. Boom height must be set to ensure double overlap of nozzle patterns.

B Blanket Wiper Application

- Blanket needs to be made from durable and wettable material with a rigid backing.
- Blanket should be rigidly mounted behind motorised vehicle (eg. tractor, 4-wheel drive vehicle) and set low but never touching the ground. The chemical solution should be fed to the blanket at a flow rate sufficient to keep the blanket wet but not dripping. In thick patches the blanket may require more frequent solution recharge (rewetting).

- Ideally, a scraper bar should be mounted in front of the blanket in order to scrape or damage the bark (but not sever the stems) prior to the blanket wiping the stems. This scraper may be mounted at the front of the vehicle.
- Two passes (in opposite direction) with the blanket increases the contact with the plant. Ground speeds of 10-15 kph are ideal for blanket wiping application.

CLEANING SPRAY EQUIPMENT

Rinsing

- After using Sabakem Prazon 400EC® Selective Herbicide, empty spray unit completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose. Drain the spray unit, and clean any filters in the tank, pump, lines, hoses and nozzles.
- After cleaning the spray unit as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

Decontamination

- Before spraying cotton and other sensitive crops with equipment that has been used to apply Sabakem Prazon 400EC® Selective Herbicide, see PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS section.
- Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (eg. liquid SURF[†], OMO[†], OMOMATIC[†], DRIVE[†] at 500mL/100L of water or the powder equivalent at 500g/100L of water) and circulate throughout the system for at least 15 minutes.
- Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and watercourses.

RESISTANT WEEDS WARNING

Sabakem Prazon 400EC® Selective Herbicide is a member of the pyridines group of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management, the product is a Group I Herbicide. Some naturally occurring weed biotypes resistant to the product and other disrupters of plant cell growth herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by the product or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sabakem Pty Ltd accepts no liability for any losses that may result from the failure of the product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local Sabakem Pty Ltd representative.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Crops susceptible to Sabakem Prazon 400EC® Selective Herbicide include, but are not limited to: peas, lupins, lucerne, navy beans, peanuts, soybeans and other legumes, cotton, flowers, fruit, hops, ornamentals, shade trees and *Pinus* spp., potatoes, safflower, sugar beet, sunflowers, tobacco, tomatoes, vegetables and vines.

Sabakem Prazon 400EC® Selective Herbicide is damaging to susceptible crops during both growing and dormant periods. Grasses are normally unaffected and establish quickly after treatment. Picloram, one of the active constituents in this product, can remain in the soil for extended periods depending on soil type and application rate, rainfall, temperature, humidity, soil moisture and soil organic matter.

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray drift onto nearby susceptible plants/crops, cropping lands, pastures, waterways or native vegetation.

DO NOT allow physical spray drift onto waterways, native vegetation and susceptible crops.

DO NOT apply close to, or in areas, containing roots of desirable vegetation, where treated soil may be washed onto areas growing (or areas to be planted with) desirable plants.

DO NOT apply on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted with susceptible crops or plants.

DO NOT move soil, which may have been treated to areas where desirable plants are to be grown.

PROTECTION OF LIVESTOCK

Poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down. Many plants remain poisonous after death, and stock should not be allowed access, as there is a likelihood that they may graze the dead material.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store near feedstuffs, fertilisers or seed.

Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture container and deliver empty packaging for appropriate disposal to an approved waste management facility. Empty containers and product should not be burnt.

SMALL SPILL MANAGEMENT

Wear protective equipment (See SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal. (See STORAGE AND DISPOSAL section). If necessary, wash the spill area with an alkali detergent and water and absorb as above, the wash liquid for disposal.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When preparing the spray, wear cotton overalls buttoned to the neck and wrists, a washable hat, elbow-length chemical resistant gloves and face shield or goggles. If the product is in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which is available from the supplier.

CONDITIONS OF SALE: The use of this product is beyond the control of Sabakem Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Sabakem Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Sabakem Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: May cause respiratory irritation. Toxic to aquatic life.

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† Not a Sabakem Pty Ltd trademark

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