



The miracles of science™

DuPont[™] Sinbar[®] herbicide

Technical Information

Active Constituent:
800 g/kg TERBACIL

Pack Sizes:
2 kg

GROUP	C	HERBICIDE
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READ SAFETY DIRECTIONS BEFORE OPENING OR USING

For selective weed control in apples, peaches, seed lucerne and peppermint as per Directions for Use Table.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. When preparing spray wear face shield or goggles.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre (ph 13 11 26).

GENERAL INSTRUCTIONS

Sinbar[®] is a soil residual herbicide, mainly entering weeds through their roots. For best results apply to weed free, moist, well prepared soil, as free as possible from trash and clods. Remove well established weeds before application. **DO NOT** cultivate soil surface after application as efficiency may be reduced and/or injury may result. For best results, sufficient moisture, either by rainfall or irrigation, is required within 3 to 4 days after treatment to carry the product into the soil. With irrigation, thoroughly wet the entire area.

RESISTANT WEEDS WARNING

GROUP	C	HERBICIDE
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DuPont Sinbar[®] herbicide is a member of the Uracils group of herbicides. DuPont Sinbar[®] herbicide has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management DuPont Sinbar[®] herbicide is a Group C herbicide.

Some naturally occurring weed biotypes resistant to DuPont Sinbar[®] herbicide and other inhibitors of photosynthesis at photosystem II 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 may not be controlled by DuPont Sinbar[®] herbicide or other inhibitors of photosynthesis at photosystem II herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Du Pont (Australia) Limited accepts no liability for any losses that may result from the failure of DuPont Sinbar[®] herbicide to control resistant weeds.

Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultants, local Department of Agriculture or Primary Industries, or local DuPont representative.

EQUIPMENT & MIXING INSTRUCTIONS

Mix required amount of product into a minimum of 20 L for each kg of product.

Large Areas

Use a spray boom or handgun. To prevent nozzle blockage, strainer and nozzle screens should be 50 mesh or coarser. Continuous agitation in the spray tank is required to keep the material in suspension.

- a) Spray Booms: Use 250 - 450 L/ha water at 200 – 350 kPa pressure.
- b) Handgun: Use 1000 – 2000 L/ha at 600 – 800 kPa pressure.

Small Areas

Use a knapsack or pressurised hand sprayer or watering can. Shake or stir frequently.

TANK CLEANOUT

Immediately after application, completely drain spray equipment. Thoroughly rinse sprayer and flush the hoses, boom and nozzles with clean water. Loosen and physically remove visible deposits. Remove and clean nozzles, screens and strainers. Flush the entire system with clean water. Take all necessary precautions when cleaning equipment.

CROP ROTATION

DO NOT replant treated areas to any crop within two (2) years of last application as injury to subsequent crops may result.

CROP SAFETY

Apples & Peaches

DO NOT apply to trees less than three (3) years old as injury may occur.

DO NOT spray foliage or use on eroded areas where sub-soil and/or tree roots are exposed as injury to trees may result. Avoid contact of fruit with spray mist as damage may result.

Lucerne (for seed)

DO NOT apply to seedling lucerne.

DO NOT apply to established lucerne where root penetration is unusually shallow.

DO NOT use a surfactant/wetting agent as crop injury may result.

PROTECTION OF LIVESTOCK

DO NOT contaminate rivers, dams, domestic water or streams with the pesticide or used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply or drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend. Prevent drift of dry powder or spray to desirable plants.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

Dangerous to fish.

DO NOT contaminate rivers, dams, domestic waters or streams with the pesticide or used containers.

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN.

Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers.

DO NOT re-use container. Triple or (preferably) pressure rinse containers before disposal. Add rinsings to spray tank.

DO NOT dispose of undiluted chemicals on-site. Break, crush, puncture or bury empty containers in a local authority landfill. If not available bury the container below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

IN A MEDICAL EMERGENCY CALL
1800 674 415 All hours

NOTICE TO BUYER

To the extent permitted by law all conditions and warranties and statutory or other rights of action which buyer or other user may have against DuPont or Seller are hereby excluded. DuPont hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information or advice provided by DuPont or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed. DuPont's liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price paid therefor.

APVMA Approval number: 45853/02

DIRECTIONS FOR USE

CROP	WEEDS CONTROLLED	STATES	RATE kg/ha		CRITICAL COMMENTS
			Light to Medium Soils	Heavy Soils	
APPLES & PEACHES At least three (3) years old	ANNUAL WEEDS: Amaranthus, Barley grass, Barnyard grass, Bathurst Burr, Brome grasses, Capeweed, Fat-hen, Innocent weed, Milk Thistle, Paterson's Curse, Pigweed, Shepherd's Purse, Threecornered jack(s), (Spiny Emex, Doublegee), Whorled Pigeon grass, Wild Lettuce, Wild Oats, Wild Radish, Wild Turnip	Qld, NSW, Vic, Tas Only	2.2 kg 3.5 kg	4.5 kg 4.5 kg	Apply to moist soil just before or during active weed growth. Light Weed Infestation Heavy Weed Infestation
PEACHES At least three (3) years old	As above	SA Only	2.2 - 3.5 kg		Use higher rates for heavy weed infestation.
APPLES & PEACHES At least eight (8) years old	PERENNIAL WEEDS: Couch grass, Kikuyu, Johnson grass, Nutgrass	Qld, NSW, Vic, Tas, SA Only	4.5 kg 200 g/100 L water*		Apply as a broadcast spray. Spot Treatment: Complete coverage of weeds is essential. DO NOT apply on sandy or gravelly soils. Note: Where limited rainfall occurs during the growing period, satisfactory control of hard to kill, deep rooted, perennial weeds will not occur. If weeds are present & cannot be removed, add a surfactant/wetting agent*.

CROP	WEEDS CONTROLLED	STATES	RATE kg/ha			CRITICAL COMMENTS
			Light to Medium Soils		Heavy Soils	
LUCERNE SEED CROPS At least one (1) year old	Annual Ryegrass, Charlock, Chickweed, Deadnettle, Fat-hen Fumitory, Melilotus, Milk Thistle, Mustard, Rough Poppy, Paterson's Curse, Sheepweed, Shepherd's Purse, Soursob, Storksbill (Geranium), Three Cornered Jack(s) (Spiny Emex, Doublegee), Wild Oats, Wild Radish, Wild Turnip, Wireweed, Yellow Burrweed.	SA Only	Light Sandy Soils 1 kg	Medium Soils 1.4 kg	Heavy high Organic Content Soils 1.75 kg	Apply any time after lucerne becomes dormant, but before growth begins in spring. For best results apply just before the spring germination of weeds. DO NOT use a surfactant/wetting agent.
PEPPERMINT	Amaranthus, Barley grass, Brome grasses, Barnyard grass, Capeweed, Fat-hen, Shepherd's Purse, Sowthistle, Whorled Pigeon grass, Wild Oats, Wild Radish, Wild Turnip.	Tas Only	2 kg			Apply during the dormant stage, July to August.
		NSW, Vic Only				Apply 2 to 3 weeks after planting in April-May or to existing plants between the months of April and September.

* Add a surfactant at the use rate on its label.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

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Du Pont (Australia) Limited
168 Walker Street
North Sydney NSW 2060
Phone: (02) 9923 6111 or 1800 257 169
<http://www.dupont.com.au/ag/>