

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

# **Sinbar<sup>®</sup>**

## **herbicide**

**ACTIVE CONSTITUENT: 800 g/kg TERBACIL**

<b>GROUP</b>	<b>C</b>	<b>HERBICIDE</b>
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For selective weed control in apples, peaches, seed lucerne and peppermint as per Directions for Use Table

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE**

**NET 2 kg**

Distributed by:  
AgNova Technologies Pty Ltd  
Suite 10, 857 Doncaster Rd  
Doncaster East Vic 3109  
Tel: 03 9840-2333.

Manufactured in USA by:  
Tessenderlo Kerley, Inc.  
2255 N. 44th Street, Suite 300  
Phoenix, Arizona 85008 USA



In a transport emergency dial 000, Police or Fire Brigade.

For specialist advice in an emergency only, call 1800 033 111 (24 hours).

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APVMA Approval No: 45853/2Kg/0909

Item #NSV1PLAU1109

**PEEL GENTLY TO OPEN - PRESS TO RECLOSE**

## **GENERAL INSTRUCTIONS**

Sinbar® herbicide 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 3-4 days after treatment to carry the product into the soil. With irrigation, thoroughly wet the entire area.

### **Resistant Weeds Warning**

GROUP	<b>C</b>	HERBICIDE
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Sinbar herbicide is a member of the Uracils group of herbicides. Sinbar herbicide has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management Sinbar herbicide is a Group C herbicide.

Some naturally-occurring weed biotypes resistant to 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 Sinbar herbicide or other inhibitors of photosynthesis at photosystem II herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Tessenderlo Kerley, Inc. accepts no liability for any losses that may result from failure of Sinbar herbicide to control resistant weeds.

Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries, or local AgNova Technologies Pty Ltd representative.

## **EQUIPMENT & MIXING INSTRUCTIONS**

Mix required amount of product into a minimum of 20L 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 to 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.

**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	<b>ANNUAL WEEDS:</b> Amaranthus, Barley grass, Vic, Tas Only active weed growth. 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	4.5 kg		Apply to moist soil just before or during active weed growth.  <b>Light Weed Infestation</b> <b>Heavy Weed Infestation</b>
			3.5 kg	4.5 kg		
PEACHES At least (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	<b>PERENNIAL WEEDS:</b> Couch grass, Kikuyu, Johnson grass, Nutgrass	Qld, NSW, Vic, Tas SA Only	4.5 kg			Apply as a broadcast spray
			200 g/100 L*			<b>Spot Treatment</b> Complete coverage of weeds is essential. DO NOT apply on sandy or gravelly soils. <b>Note:</b> 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 wetting agent*.
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**

**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, CRUSTACEANS 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.

**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. Phone Australia 13 11 26

**MATERIAL SAFETY DATA SHEET**

For further information refer to the Material Safety Data Sheet which is available from AgNova Technologies Pty. Ltd.

**CONDITIONS OF SALE**

AgNova Technologies Pty. Ltd. and Tessenderlo Kerley, Inc. shall not be liable for any consequential or other loss or damage relating to the supply or subsequent handling or use of this product, unless such liability by law cannot be lawfully excluded or limited. All warranties, conditions or rights implied by statute or other law which may be lawfully excluded are so excluded. Where the liability of AgNova Technologies Pty. Ltd. and Tessenderlo Kerley, Inc. for breach of any such statutory warranties and conditions cannot be lawfully excluded but maybe limited to it re-supplying the product or an equivalent product or the cost of a product or an equivalent product, then the liability of AgNova Technologies Pty. Ltd. and Tessenderlo Kerley, Inc. for any breach of such statutory warranty or condition is so limited.