

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Flowable

Gesagard[®] 500 SC

Liquid Herbicide

syngenta.

ACTIVE CONSTITUENT: 500 g/L PROMETRYN

GROUP	C	HERBICIDE
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Controls early competing weeds in carrots, chickpeas, cotton, potatoes and other crops as specified in the Directions for Use

Syngenta Crop Protection Pty Limited

Level 1, 2-4 Lyonpark Road Macquarie Park NSW 2113

In a transport emergency dial 000, Police or Fire Brigade

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

APVMA Approval No: 47653/0402

Item No

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DIRECTIONS FOR USE

Restrains

DO NOT spray when dry conditions prevail

DO NOT apply by aircraft

Crop and Situation	Weeds Controlled	State	Rate/ha	Critical Comments
Carrots pre-emergent	Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Charlock, Chickweed, Common Spurry, Corn Gromwell, Fumitory (Common, White and Dense Flowered), Fat Hen, Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack, Wild Radish Pre-emergent: Suppression of Annual Ryegrass, Barnyard Grass, Prairie Grass and Summer Grass	NSW, Vic, Tas only	2.2 to 3.3 L	Apply onto bare moist soil within 2 to 3 days of planting. Use the lower rate on sandy soils.
	Common Sowthistle, Common Thornapple, Deadnettle, Fat Hen, Green Amaranth, Lesser Swinecress, Pigweed, Potato Weed, Stinking Roger Pre-emergent: Suppression of Barnyard Grass and Crowsfoot Grass	Qld only SA, WA only	1.1 L	
Carrots at least 1 true leaf	Less than 4 true leaves: Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Chickweed, Common Spurry, Corn Gromwell, Fumitory (Common, White and Dense Flowered), Fat Hen, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack	NSW, Vic, Tas, SA, WA only	1.7 to 2.2 L	Spray when weeds are young and actively growing. Use the higher rate on heavy soils and for Three-cornered Jack.
Celery up to 3 weeks after transplanting	Amaranth, Bladder Ketmia, Chickweed, Dwarf Nettle, Fat Hen, Nettles, Pigweed, Potato Weed, Radish, Shepherd's Purse, Sowthistle, Wild Turnip	Qld only	1 to 3.3 L	Apply to moist soil. Use the lower rate on sandy soils. Some grasses are also controlled.

Crop and Situation	Weeds Controlled	State	Rate/ha	Critical Comments
Celery up to 4 weeks after transplanting	Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Charlock, Chickweed, Common Spurry, Corn Gromwell, Fumitory (Common, White and Dense Flowered), Fat Hen, Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack, Wild Radish Pre-emergent: Suppression of Annual Ryegrass, Barnyard Grass, Prairie Grass and Summer Grass	NSW, Vic, Tas, SA, WA, only	2.2 to 3.3 L	Apply onto moist soil. Use the lower rate in SA.
Chickpeas	Deadnettle, Indian Hedge Mustard, Lesser Swinecress, Milk Thistle, Prickly Lettuce, Purple Goosefoot, Shepherd's Purse, Turnip Weed, Wireweed, and suppression of Black Bindweed and Paradoxa Grass	Qld, NSW, SA only	1.5 L plus 1.5 L Flowable Gesatop®	Apply immediately post-planting. Application should not be made to ridged or excessively cloddy soil. For reliable results significant rain, 20 to 30 mm, is necessary within 2 to 3 weeks of sowing.
Cotton pre-emergent	Barnyard Grass, Bathurst Burr, Bellvine, Blackberry Nightshade, Black Pigweed, Bladder Ketmia, Boggabri Weed, Caltrop (Yellow Vine), Caustic Weed, Common Sowthistle, Common Thornapple, Cowvine (Peachvine), Fat Hen, Green Amaranth, Mintweed, Mossman River Grass,	Qld, NSW only	3.3 to 4.5 L	Apply onto bare moist soil or irrigate within 3 days of spraying. Apply the lower rate if overhead irrigating. Some mechanical cultivation may be required.
Cotton 15 cm high	Noogoora Burr, Pigweed, Prickly Paddy Melon, Redroot Amaranth, Slim Amaranth, Summer Grass, Wild Gooseberry		1.1 to 2.2 L	Early spraying: Apply as a directed spray when the weeds are not more than 5 cm high. Add a non-ionic surfactant. Use lower rates on light soils.
Cotton after last cultivation	Noogoora Burr, Pigweed, Prickly Paddy Melon, Redroot Amaranth, Slim Amaranth, Summer Grass, Wild Gooseberry		2.2 to 4.5 L	Late spraying: Apply as a directed spray. The weeds should not be more than 8 cm high and actively growing. Add a non-ionic surfactant. Use lower rates on light soils.
Cotton maintenance of fallow areas and after furrowing-up prior to planting	The above plus winter annuals such as: Amsinckia, Capeweed, Chickweed, Common Spurry, Corn Gromwell, Deadnettle, Fumitory (Common, White and Dense Flowered), Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack Less than 4 true leaves: Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Powell's Charlock, Wild Radish.		2.2 to 4.5 L	Apply onto bare moist soil or when rain is imminent as a pre-emergent treatment to weeds or as an early post-emergent treatment to weeds after cultivation or listing (furrowing-up). Use the lowest rate when short term weed control is required. If conditions remain dry after application as a pre-emergent treatment, lightly incorporate to a depth of approximately 5 cm.

Crop and Situation	Weeds Controlled	State	Rate/ha	Critical Comments
Pastures from 5 leaf stage onwards (not Legume seed crops)	Less than 4 true leaves: Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Chickweed, Common Spurry, Corn Gromwell, Deadnettle, Fumitory (Common, White and Dense Flowered), Fat Hen, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack	Sthn NSW, Vic, SA, WA only	550 to 850 mL	Use the higher rate when weeds are in the 4 true leaf stage.
	Less than 4 true leaves: Charlock, Hexham Scent, Hedge Mustard, Indian Hedge Mustard, Wild Radish		550 to 850 mL plus 240 mL of a 500 g/L MCPA	
Perennial Grass Seed Crops Sirocco, Phalaris, Demeter Fescue, Currie Cocksfoot, Medea Ryegrass 3 to 6 leaf stage	Less than 4 true leaves: Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Chickweed, Common Spurry, Corn Gromwell, Fumitory (Common, White and Dense Flowered), Fat Hen, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack	NSW, Vic, SA, WA only	1.1 to 2.2 L	Spray when weeds are young and actively growing. Use the higher rate on heavy soils and for Three-cornered Jack. DO NOT use more than 1.1 L/ha on Medea Ryegrass.
Perennial Ryegrass Seed Crops 3 to 6 leaf stage		Tas only		
Potatoes prior to emergence of the crop	Less than 4 true leaves and pre-emergent: Amaranth (Powell's, Slim and Redroot), Amsinckia, Blackberry Nightshade, Capeweed, Charlock, Chickweed, Corn Gromwell, Deadnettle, Fumitory (Common, White and Dense Flowered), Fat Hen, Hedge Mustard, Hexham Scent, Indian Hedge Mustard, Lesser Nettle, Mountain Sorrel, Rough Poppy, Three-cornered Jack, Wild Radish. Pre-emergent: suppression of Annual Ryegrass, Barnyard Grass, Prairie Grass and Summer Grass	Qld, NSW, Vic, Tas, WA only	2.3 to 3.3 L	Apply in the late autumn and winter. Use the lower rate on light soils and the higher rate on heavy soils.

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

WITHHOLDING PERIOD

Chickpeas: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 9 WEEKS AFTER APPLICATION

GENERAL INSTRUCTIONS

Uses

GESAGARD 500 SC controls many early competing weeds in cotton when applied to the actively growing young weeds. When applied to bare soil in celery, chickpeas, potatoes, carrots and cotton, many common broadleaf weeds are controlled and the density of grasses is reduced.

Mixing

Settling may occur after storage for some weeks. Stir product or invert container several times before opening. Pour the product into the spray vat through a strainer to remove any dry particles or flakes, which can occasionally occur under hot storage conditions. Add the full quantity of product to the partly filled spray tank while agitating. Fill tank and agitate to ensure thorough mixing. Continue agitation while spraying. Agitate vigorously from the bottom if allowed to stand. Reseal part used container immediately.

Compatibility

GESAGARD 500 SC is compatible with Flowable Gesatop and trifluralin.

Resistant Weeds Warning

GROUP	C	HERBICIDE
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FLOWABLE GESAGARD 500 SC Liquid Herbicide is a member of the triazine group of herbicides and has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management this is a Group C herbicide. Some naturally-occurring weed biotypes resistant to GESAGARD 500 SC and other Group C 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 GESAGARD 500 SC or other Group C herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Syngenta Crop Protection Pty Limited accepts no liability for any losses that may result from the failure of GESAGARD 500 SC to control the resistant weeds. Advice as to strategies and alternative treatments that can be used should be obtained from your local supplier, consultant, local Department of Agriculture, Primary Industries Department or a Syngenta Crop Protection representative.

PRECAUTIONS

Severe injury to cotton plants may result if heavy rain occurs between pre-emergence application and crop emergence, or shortly after post-emergence spraying and this risk must be assumed by the user.

Re-entry Period

DO NOT enter treated areas until spray has dried.

PROTECTION OF CROPS, NATIVE AND OTHER NON TARGET PLANTS

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

DO NOT use on carrots on light sandy soils.

DO NOT plant crops other than carrots in GESAGARD treated cotton land for at least 6 months after the cotton crop has been removed.

DO NOT plant crops other than transplanted celery, chickpeas or carrots in areas within 6 months following an application of the product at rates above 2.2 L/ha.

DO NOT add 2,4-D or MCPA if pastures are undersown with lucerne, clover or medics, unless some damage is acceptable. DO NOT add 2,4-D or MCPA if spraying cotton, vegetables or seedling pastures.

DO NOT apply more than 4.5 L/ha of product post-emergent per season in cotton.

Heavy rain following application prior to emergence may cause damage to chickpeas.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL (non refillable containers only, 20, 200, 1000 L)

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. DO NOT dispose of undiluted chemicals onsite. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury the containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

STORAGE AND DISPOSAL (refillable containers only, 50, 100 L)

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. DO NOT inhale spray mist. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

MATERIAL SAFETY DATA SHEET

If additional hazard information is required, refer to the Material Safety Data Sheet. For a copy phone 1800 067 108 or visit our website at www.syngenta.com.au

MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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