

CAUTION

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

Juggler[®] 700 Residual Herbicide



ADAMA
ESSENTIALS

ACTIVE CONSTITUENT:
700 g/kg METHABENZTHIAZURON

GROUP **C** HERBICIDE

For the control of annual grasses and broadleaf weed seedlings in onions as specified in the Directions for Use table.

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CONTENTS: 1 kg (primary pack contains 2 x 500 g water soluble bags) WHICH IT IS ILLEGAL TO SELL SEPARATELY
4 kg (primary pack contains 8 x 500 g water soluble bags)

DIRECTIONS FOR USE: FOR USE IN ONIONS

WEEDS CONTROLLED	STATE	RATE/HA			CRITICAL COMMENTS
		No. Leaves	Winter Sown	Spring Sown	
Annual grasses and broadleaf weeds including: Amsinskia (Yellow Burr Weed), Ball Mustard, Capeweed, Charlock (mustard), Chickweed, Common Cotula, Corn Gromwell (Sheepweed, White Ironweed), Crowsfoot, Deadnettle, Dwarfnettle, Fat-hen, Fumitory (Pink and White), Iceplant, Lesser Swinecress, Lamb's Tongue, London Rocket, Mustard, Mexican Lovegrass, Pigweed (purslane, munyeroo), Pimpernel, Potato Weed, Redshank, Ribwort (Common Plantain), Rough Poppy, Shepherd's Purse, Small Flowered Mallow, Sowthistle, Speedwell, Spurry (Corn and Sand), Stagger Weed, Stinking Goosefoot, Three Cornered Jack (Spiny Emex, Doublegee), Treacle-Mustard (Hares Ear), Variegated Thistle, Wild Radish, Wild Turnip, Winter Grass	Qld, NSW, Vic, Tas, WA only	1 2 3 4 or more	1.0 kg 1.5 kg 2.0 kg 3.0 kg (see comments)	See comment 1.0 kg 1.5 kg 2.0 kg	DO NOT add any pesticide or wetting agent to JUGGLER 700 for use on onions. DO NOT use more than 2 kg/ha on onions when temperatures are over 27°C. Odourless and white onions are more sensitive than other varieties. On spring sown crops in southern Victoria and Tasmania use 500 g/ha at the one leaf stage. In other areas and when weather is warm to hot DO NOT spray until 2nd leaf is obvious. Repeat spraying may be necessary to maintain weed free crops.
	SA only	2 3 4 or more	1.0 kg 2.0 kg 3.0 kg (see comments)	1.5 kg 2.0 kg	
Note: 1 kg/ha = 10 g/100m ²					
Injury caused by sand blasting, water stress or other causes may render onions sensitive to JUGGLER 700 and crop damage may follow. For young Clover, Medics, Wireweed, Black Bindweed, Sowthistle and other difficult weeds (eg Plantain and Wild Radish - Tasmania) apply maximum rate according to size of crop.					

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

**WITHHOLDING PERIODS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.
DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION.**

GENERAL INSTRUCTIONS

JUGGLER® 700 Residual Herbicide is a selective herbicide used to control annual grasses and broadleaf weeds in onions. JUGGLER 700 is absorbed primarily through the roots and, to a lesser extent, through the leaves of target weeds. JUGGLER 700 provides some residual control of weed seedlings.

Read carefully before using

For effective weed control, weeds must be in the young seedling stage and actively growing. Proper timing, mixing and application are necessary. For proper timing, **age of weeds is much more important than size**. Weeds should be growing actively and not under stress such as drought. JUGGLER 700 should be applied to **onions** when they have one or more true leaves. It is most effective when weeds are very young. Many weeds are controlled by 500 g (very young weeds only) to 1 kg/ha. If weeds are older (bigger) increase dose up to maximum rate.

Equipment: Ensure that tank, pump, lines, filters and nozzles are clean and that all nozzles have the same output. If sprayers were last used to apply an emulsifiable concentrate (EC) or a mixture with a spraying oil added, clean nozzle strainers with petrol to remove the oil film and prevent possible nozzle blocking. Before spraying, calibrate the boom to ensure correct amount of JUGGLER 700 is applied per hectare. Ensure that spray mixture is thoroughly suspended in water prior to and during spraying using by-pass agitation. Use fan jets.

Screens: Use 100 mesh screen in tank inlet.
Use 60-80 mesh in bowl filter.
Use 50 mesh screens in nozzles.

Water rates: Booms – use a convenient amount of water, eg 100 L/ha.

Pressures: 200 to 300 kPa.

Spraying weather: Spray actively growing weeds but not if droughted, frosted or waterlogged. When rain is imminent spray after and not before. Rain within 12-24 hours after spraying may reduce weed control. Winds up to 15 km/hr are acceptable. Presence of light dew or fog does not matter. Avoid heavy dew and wait until frost has melted. DO NOT spray crops wet with dew or rain.

MIXING

Add water soluble bags directly to the spray unit, ensuring it is at least one third full with water and has full agitation. Alternatively, place the required number of water soluble bags into a mixing bucket half filled with water. Allow the bags to release their contents then stir until completely dissolved and then add contents to water in the spray unit.

Handling: Store product under dry conditions. DO NOT allow water soluble bags to be splashed with water or handled with wet gloves.

COMPATIBILITY

JUGGLER 700 should be used alone. DO NOT add any pesticides, liquid fertiliser or wetting agent for use on onions.

RESISTANT WEEDS WARNING

JUGGLER® 700 Residual Herbicide is a

GROUP	C	HERBICIDE
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 member of the Urea group of herbicides.

JUGGLER 700 Herbicide has the Inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management JUGGLER 700 is a Group C herbicide. Some naturally-occurring weed biotypes resistant to JUGGLER 700 Herbicide 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 JUGGLER 700 Herbicide or other Group C herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Adama Australia Pty. Ltd. accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

PROTECTION OF CROP, NATIVE AND NON-TARGET PLANTS

DO NOT sow susceptible crops such as crucifers, cucurbits, lettuce or tomatoes within 18 months after applying more than 2 kg JUGGLER 700/ha in one season. 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.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well-ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. Keep from contact with fertilisers, insecticides, fungicides and seeds. Single rinse before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. Puncture and bury empty container in a local authority landfill. If not available bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty container and product should not be burnt.

SAFETY DIRECTIONS

Avoid contact with eyes and skin. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre on 131126.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for JUGGLER 700 is available from Adama on request. Call Customer Service on (02) 9431 7800.

CONDITIONS OF SALE: The use of JUGGLER 700 Residual Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia Pty. Ltd. regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Adama Australia Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

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NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

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Batch No.

Date of Manufacture