

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

KENSO AGCARE

ARCORE 750 WG

HERBICIDE

ACTIVE CONSTITUENT: 750 g/kg SULFOSULFURON

GROUP B HERBICIDE

A selective herbicide for the control of certain weeds
in wheat and triticale.

Kenso Corporation (M) Sdn Bhd
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188
www.kenso.com.au



IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 500 g APVMA Approval No.: 85716/ 113907

KENSO AGCARE ARCORE 750 WG HERBICIDE

STORAGE AND DISPOSAL

Store in closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT re-use containers. Triple rinse containers before disposal. Add rinsings to 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 and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Will irritate eyes. Avoid contact with eyes. DO NOT inhale dust. Wash hands after use.

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 can be obtained from www.kenso.com.au.

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency
Dial **000**
Police or Fire Brigade



9 328666 003342



Batch No.:

Date of Manufacture:

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KENSO
agcare

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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, where their roots may extend or in situations where by movement of soil, or seepage, absorption of the herbicide may occur. 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. Dangerous to plants, including aquatic plants.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

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DIRECTIONS FOR USE

RESTRAINTS:

DO NOT apply more than once per season.
DO NOT apply to crops undersown with legumes.
DO NOT spray when very dry conditions prevail.
DO NOT use on furrow or flood irrigated crops.
DO NOT apply to soils with pH over 8.5.
DO NOT apply by aircraft.

Weed control may be reduced if rainfall occurs soon after application.

PRE-EMERGENT APPLICATION

Crop	Weeds Controlled/Suppressed	Rate	Critical Comments
Wheat, Triticale (VIC, NSW, WA, SA, TAS only)	Barley grass ^① , Brome grass ^① , Wild turnip	25 g/ha	Apply to bare soil prior to sowing or at sowing and incorporate by the sowing operation. Application should not be made to ridged or excessively cloddy soil. In conservation tillage situations where weeds and grasses have emerged apply as a tank mixture with the recommended rate of Max Out 540 prior to sowing.
Wheat, Triticale (VIC, NSW, WA, SA, TAS only)	Weeds as above plus the control of Wild oats	25 g/ha plus 1.6 L of Kenso Agcare Tri-Allate Selective Herbicide	For best results follow the Kenso Agcare Tri-Allate Selective Herbicide label directions for incorporation.
Wheat, Triticale (VIC, NSW, WA, SA, TAS only)	Weeds as above plus Annual ryegrass, Canary grass, Fumitory, Wireweed (Hogweed)	25 g/ha plus 800 mL Kenso Agcare Trifluralin 480 Selective Herbicide	For best results follow the Kenso Agcare Trifluralin 480 Selective Herbicide label directions for incorporation.

^① Suppression only

POST-EMERGENT APPLICATION

Apply to wheat and triticale from early crop emergence to the 5 leaf/early tillering growth stage (Z11 - 15, 22).

USE THE SURFACTANT/WETTING AGENT - POST EMERGENT.

Always add Bonza* at 1 – 2 L/100 L (1 - 2% volume/volume) of final spray volume.

Crop	Weeds Controlled/Suppressed	Stage of Weed Growth	Rate	Critical Comments
Wheat, Triticale (VIC, NSW, WA, SA, TAS only)	Amsinckia, Wild mustard ^① (<i>Sinapsis arvensis</i>)	Apply at the cotyledon to 4 leaf stage	25 g/ha	Optimum results will be obtained if good soil moisture exists at and after application. A follow up spray with a different herbicide may be necessary to control subsequent germinations. When treating dense infestations of silver grass use water volumes of at least 70 L/ha and FINE droplets to improve Arcore 750 WG coverage. Arcore 750 WG will provide good control of volunteer field peas. However a small proportion of plants may survive and require a follow up spray with a different herbicide to eliminate the potential for grain contamination.
	Barley grass ^① , Silver grass (<i>Vulpia bromoides</i>), Wild oats ^①	Apply at the 1 - 4 leaf stage (Z11 - 14)	25 g/ha	
	Brome grass ^① (<i>Bromus diandrus</i> & <i>B. rigidus</i>)	Apply at the 1 to 3 leaf stage (Z11 - 13)	pH more than 7.0 - 20 g pH less than 7.0- 25 g	
	Volunteer canola (except canola tolerant to Group B herbicides), Wild radish, Wild turnip	Apply at the cotyledon to 4 leaf stage	20 g/ha	
	Volunteer field peas	Apply at the 1 - 3 leaf stage	20 g/ha	

^① Suppression only

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

CROP ROTATION GUIDELINES

Where the product is applied at the rate of 20 to 25 g/ha: Wheat and triticale can be planted the following season without restrictions. For other specified crops, the Arcore 750 WG treated area may be replanted after the interval indicated in the table below. These recommendations are made on the assumption that Arcore 750 WG is applied to a wheat or triticale crop that reaches maturity in the season of application.

PLANT BACK PERIOD: VIC, NSW, WA SA TAS ONLY

Soil pH (1:5 soil: water suspension method)	Replant Interval	Minimum rainfall ^②	Crop
6.5 or less	10 months	300 mm	Canola, Chickpeas, Lentils, Lupins, Oats, Peas, Sub clover ^③
	12 months	300 mm	Barley, Faba beans
6.5 to 8.5	10 months	300 mm	Cereal rye
	22 months	600 mm	Barley, Canola, Chickpeas, Faba beans, Lentils, Medic ^③ , Oats, Peas, Vetch

^② Minimum rainfall required between Arcore 750 WG application and the sowing of the plantback crop.

^③ Includes natural regeneration of sub clover and medics.

DO NOT apply to soils with a pH (water) >8.5.

For all other crops refer to Kenso Agcare Pty Ltd for further advice.

GENERAL INSTRUCTIONS

Arcore 750 WG is a selective herbicide absorbed by foliage and roots. It is rapidly translocated and acts by inhibiting acetolactate synthase (ALS), an enzyme necessary for root and shoot growth in sensitive plants. Arcore 750 WG is a water dispersible granular herbicide for use in wheat and triticale. It can be used as a pre-plant, incorporated by sowing, for the control of wild turnip and suppression of barley grass and brome grass, or as a post-emergent for the control of silver grass, wild radish and wild turnip, and suppression of barley grass, brome grass, wild mustard (*Sinapsis arvensis*) and wild oats.

PRE-EMERGENT

Apply to bare soil prior to sowing or at sowing and incorporate by the sowing operation to give thorough mixing. If applied to dry soil and sowing is to be delayed, incorporate immediately after spraying to prevent loss by wind erosion. For best results apply to moist soil when follow up rain is likely to occur within 7 - 10 days. Weeds may emerge and will become stunted and uncompetitive soon after application although final results may not show for some weeks.

POST-EMERGENT

Weeds should be young and actively growing. Use the higher rate under heavy weeds pressure and for larger weeds. A follow up spray with a suitable herbicide may be necessary to control subsequent germinations. Best weed control is obtained when rainfall wets the soil to a depth of 5 to 7.5 cm within 7 - 10 days of application. Weeds will become stunted and uncompetitive soon after application although final results may not show for some weeks. When treatment is delayed or where weeds are not actively growing due to adverse conditions, for example, dry, waterlogged, frosty or diseased conditions, nutrient deficiency, high insect pressure or previous herbicide treatment, reduced levels of control may result. Arcore 750 WG will remain in the soil for a period of time. The persistence of Arcore 750 WG in the soil is dependent on various environmental conditions e.g. soil pH, soil moisture, soil temperature and organic matter. Crops other than wheat and triticale may be very sensitive to low soil concentrations of Arcore 750 WG, thus prior to using the product, careful consideration should be given to crop rotation plans (see Crop Safety and Crop Rotation Guidelines).

MIXING

Arcore 750 WG is a water dispersible granular herbicide which mixes readily with water and is applied as a spray.

1. Partly fill the spray tank with water.
2. Start the agitation.
3. Add the correct amount of product to the spray tank with the agitation system running.
4. Continue agitation while topping up the tank with water and while spraying.
5. In tank mixes, Arcore 750 WG must be in suspension before adding the companion product or surfactant (e.g. Bonza*).
6. Use the spray mix within 24 hours of preparation.

APPLICATION

Apply by boom spray producing MEDIUM spray quality according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline. Ensure good spray coverage is obtained. Apply using 40 – 100 litres of water per hectare. When treating dense infestations of silver grass use water volumes of at least 70 L/ha and FINE droplets to improve Arcore 750 WG coverage. Avoid overlapping of boom runs. Use higher water volumes where crop or weed density is high. DO NOT apply by aircraft.

SPRAYER CLEANUP

Where the sprayer is being used to spray wheat or triticale crops, rinse the sprayer thoroughly with water. Where the sprayer is being used to spray crops other than wheat or triticale:

1. Drain tank and rinse tank and spray boom with clean water for at least 10 minutes.
2. Fill the tank with clean water and add to it 300 mL of household chlorine bleach (containing 4% chlorine) per 100L of water. Rinse hoses and boom and leave in tank for 15 minutes whilst agitating. Drain through nozzle.
3. Repeat step 2 and then rinse thoroughly with clean water to remove all traces of chlorine bleach.
4. Nozzles and filters should be cleaned separately.
5. Dispose of all water used for cleaning.

Caution: DO NOT use chlorine bleach with ammonia. All traces of liquid fertiliser containing ammonia, ammonium nitrate or ammonium sulphate must be rinsed with water from the mixing and application equipment before adding chlorine bleach solution. Failure to do so will release a gas with a musty chlorine odour which can cause eye, nose and lung irritation. **DO NOT** clean equipment in an enclosed area.

COMPATIBILITY

Read and follow all label directions, restraints, plant back and withholding periods and safety directions for all tank-mix products. In tank mixes, Arcore 750 WG must be in suspension before adding the companion product or surfactant.

PRE-EMERGENT

Arcore 750 WG is compatible with Kenso Agcare Tri-Allate Selective Herbicide, Kenso Agcare Ken-Up 450 CT, Kenso Agcare Max Out 540, Kenso Agcare Ken-Up Dry 680 WG, Kenso Agcare Para-Ken, Kenso Agcare Speedy 250, Kenso Agcare Trifluralin 480.

POST EMERGENT

Arcore 750 WG is compatible as a two way mixture with Kenso Agcare Ken-Trel (up to 300 mL/ha), Kenso Agcare 570 LV MCPA (up to 350 mL/ha) and Kenso Agcare Difluken M (up to 750 mL/ha) for treatment of brome grass, wild oats, wild mustard (*Sinapsis arvensis*), wild radish and wild turnip. Always add Bonza* at 1 – 2 L/100 L (1 - 2% volume/volume) of final spray volume. Arcore 750 WG may also be mixed with DC Trate* at 2 L/100 L (2% volume/volume) of final spray volume. Some increased temporary crop yellowing may occur when Arcore 750 WG is tank mixed with Kenso Agcare Difluken M.

INCOMPATIBLE

The following herbicides and insecticides are incompatible with Arcore 750 WG: Kenso Agcare Traktion 400 WG, Kenso Agcare Dicamba 500, Kenso Agcare Ken-Grass 375, terbutryn, omeathoate and dimethoate.

CROP SAFETY

DO NOT use on winter cereals undersown with legume pasture crops e.g. medics, clovers, lucerne. DO NOT use on barley or oats. Arcore 750 WG is effective on a range of plants, even at low rates of application. Since many rotational crops are sensitive, growers will need to consider the soil carry-over effects on subsequent crops. Below average rainfall, high levels of applied Arcore 750 WG (greater than the recommended rates), pH greater than 6.5 and low soil temperatures and low rainfall all increase the carry-over risk. Where Arcore 750 WG is used on soil types with pH greater than 8 (1:5 soil:water suspension method) and less than 300 mm of rainfall has occurred since application, further advice should be sought from Kenso Agcare Pty Ltd regarding crop rotations, except for wheat and triticale.

Note: Some crop yellowing or crop retardation may occur where a stress factor such as water-logging, Rhizoctonia, take-all, cereal cyst nematode, nutrient deficiency or trace element deficiency is already present. Early season crop retardation may occur where the product is used on soils with a pH greater than 8 and which are prone to zinc deficiency. See Crop Rotation Guidelines for further information.

RESISTANCE WEEDS WARNING **GROUP B HERBICIDE**

Kenso Agcare Arcore 750 WG is a member of the sulfonyleurea group of herbicides and has the ALS inhibitor mode of action. For weed resistance management, this product is a Group B herbicide. Some naturally-occurring weed biotypes resistant to Arcore 750 WG and other Group B 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 Arcore 750 WG or other Group B herbicides. To prevent or at least minimise the risk of resistant weeds occurring, use Arcore 750 WG tank mixes (if appropriate) and/or rotations with herbicides having different modes of action effective on the same weed species. DO NOT make more than one application of an ALS inhibitor herbicide to a crop, either pre-sowing incorporated by sowing or post crop and weed emergence. Since the occurrence of resistant weeds is difficult to detect prior to use, Kenso Agcare Pty Ltd accepts no liability for any losses that may result from the failure of Arcore 750 WG to control the resistant weeds.

Advice as to strategies and alternative treatments that can be used should be obtained from your local farm chemical supplier, consultant, local Department of Agriculture, Department of Primary Industries, or a Kenso Agcare Pty Ltd representative.