

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

QA

Triasulfuron 750 WG

HERBICIDE

ACTIVE CONSTITUENT: 750 g/kg TRIASULFURON

GROUP **2** HERBICIDE

For pre-plant control of Annual Ryegrass, Paradoxa Grass and certain broadleaf weeds in wheat, and for post-emergence control of wild radish in wheat, oats and barley as specified in the Direction for Use table.

APVMA Approval No.: 91707/149922

WG

Formulation Type
Water Ddispersible
Granule

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AUSTRALIAN**

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**QUANTUM
AGROSCIENCES**

DIRECTIONS FOR USE**WESTERN AUSTRALIA ONLY – PRE-EMERGENT APPLICATION****RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 herbicides.

Apply no more than two Group 2 herbicides in any four-year period on the same paddock.

CROP	WEEDS CONTROLLED	RATE/ha
Wheat	Burr Medic, Common Cotula, Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Denseflower Fumitory, Hedge Mustard, Indian Hedge Mustard, Matricaria, Paterson's Curse, Rough Poppy, Smallflower Fumitory, Wards Weed, Wild Turnip, Yellow Burrweed (Amsinckia) and suppression of Crassula	30 g
	Annual Ryegrass, Capeweed, Doublegee or Three-cornered Jack (Spiny Emex), Wireweed and suppression of Wild Radish, and also 60-80% suppression of Soursob	35 g
	Annual Ryegrass, Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Hedge Mustard, Indian Hedge Mustard, Prickly Lettuce (Whipthistle), Smallflower Fumitory, Wild Turnip, Wireweed (Hogweed), Wards Weed	10 g to 15 g plus 0.83 L/ha of a 480 g/L trifluralin

CRITICAL COMMENTS

Apply to bare moist soil prior to sowing or at sowing and incorporate by the sowing operation using low profile 10 cm combine points. Application should not be made to ridged or excessively cloddy soil. For best results apply to moist soil when follow up rain is likely to occur within 7 - 10 days. In conservation tillage situations when weeds and grasses have emerged apply as a tank mixture with the recommended rate of knockdown herbicide prior to sowing.

DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides.

When used on Kulin wheat on very acid soils (pH 5.5 in water) or under poor fertility conditions increased stem breakage may occur. 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.

This mixture to be only used on alkaline soils where pH is greater than 8 (1:5 soil: water suspension method). For best results apply mix to bare moist soil that has a minimum of trash and incorporate to a depth of 5 cm just prior to sowing. Incorporation should be made within 4 hours of application. Heavy rainfall (greater than 50 mm) within 7 days of application may affect efficacy especially at the 10 g rate. Late germination of some weeds e.g. Annual Ryegrass will not be controlled in seasons of above average rainfall. Use the higher rate where heavy density of weeds is expected.

WESTERN AUSTRALIA ONLY – POST-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT spray when very dry conditions prevail.

DO NOT spray under dry frosty conditions

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 Herbicides.

Apply no more than two Group 2 Herbicides in any four year period on the same paddock. If RAIN FALLS within 6 hours of application, the effect could be diminished.

CROP	WEEDS CONTROLLED	RATE/ha
Wheat, Oats, Barley	Wild Radish	10 g - 15 g plus crop oil at 1 L per 100 L of spray mixture or surfactant at recommended label rates
Barley, Oats, Triticale, Wheat From 3 leaf to early tillering stage	Turnip Weed	6.5 g + 300 mL Terbutryn 500 SC
	Denseflower, Fumitory, Hedge Mustard, Smallflower Fumitory	6.5 g + 300 mL Terbutryn 500 SC to 10 g + 440 mL Terbutryn 500 SC
	Ball Mustard, Field Peas (volunteer)	10 g + 440 mL Terbutryn 500 SC
	Deadnettle	10 g + 440 mL Terbutryn 500 SC to 13 g + 600 mL Terbutryn 500 SC
	Australian Crassula, Doublegee or Three-cornered Jack (Spiny Emex), Volunteer Lupins	13 g + 600 mL Terbutryn 500 SC

CRITICAL COMMENTS

EARLY POST-EMERGENT APPLICATION: Spray prior to the crop reaching mid-tillering (Zadoks 23) and when Wild Radish is in the 2 - 6 leaf stage. Use rates towards the lower end of the range when weeds are small and growing conditions ideal. Spray only when weeds are actively growing.

LATE POST-EMERGENT APPLICATION: Spray during early flowering of the wild radish. DO NOT apply to the crop during or after anthesis and flowering (Zadoks 60). DO NOT spray on weeds under stress.

WARNING: Application to oats may cause some yellowing.

DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides.

Petroleum based crop oils are recommended as well as non-ionic surfactants (1000 g/L).

Spray when weeds are in the 2 to 6 leaf stage (up to 6 node/leaflet for field peas, 10 leaflet for vetch), except 2 to 4 leaf for Doublegee. Use rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist. Spray only when weeds are actively growing. Spray only after good rain and when topsoil is moist.

Best results are obtained when good soil moisture has been present since planting.

SOUTH AUSTRALIA ONLY – PRE-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT use if another Group 2 Herbicide (ALS inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 herbicides.

Apply no more than two Group 2 herbicides in any four-year period on the same paddock.

CROP	WEEDS CONTROLLED	RATE/ha
Wheat	Ball Mustard, Burr Medic, Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Denseflower Fumitory, Hedge Mustard, Indian Hedge Mustard, Prickly Lettuce, Smallflower Fumitory, Stemless Thistle, Vetch, Wild Turnip, Yellow Burrweed (Amsinckia), Rough Poppy, Wards Weed	30 g
	Annual Ryegrass, Capeweed, Three-cornered Jack or Doublegee (Spiny Emex), Volunteer Chickpeas, Faba Beans and Field Peas, Wireweed and suppression of Wild Radish, also 60-80% control of Soursob and suppression of remaining plants	35 g
	Annual Ryegrass, Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Hedge Mustard, Indian Hedge Mustard, Prickly Lettuce (Whipthistle), Smallflower Fumitory, Wild Turnip, Wireweed (Hogweed), Ward's Weed	10 g to 15 g plus 0.83 L/ha of 480 g/L trifluralin

CRITICAL COMMENTS

Apply to bare moist soil prior to sowing or at sowing and incorporate by the sowing operation using low profile 10 cm combine points. Application should not be made to ridged or excessively cloddy soil. For best results apply to moist soil when follow up rain is likely to occur within 7 - 10 days. In conservation tillage situations when weeds and grasses have emerged apply as a tank mixture with the recommended rate of knockdown herbicide prior to sowing. QA Triasulfuron 750 WG Herbicide will provide good control of volunteer grain legumes, however a small proportion of plants may survive and require an overspray to eliminate the potential for grain contamination. For Skeleton Weed a significant degree of control will be achieved on soil types of a predominantly sandy clay loam mixture with a pH greater than 8. Best control is observed where Skeleton Weed germinates in the very early stages of the crop. Surviving plants will be stunted.

DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides.

This mixture to be only used on alkaline soils where pH is greater than 8 (1:5 soil: water suspension method). For best results apply mix to bare moist soil that has a minimum of trash and incorporate to a depth of 5 cm just prior to sowing. Incorporation should be made within 4 hours of application. Heavy rainfall (greater than 50 mm) within 7 days of application may affect efficacy especially at the 10 g/ha rate. Late germination of some weeds e.g. Annual Ryegrass will not be controlled in seasons of above average rainfall. Use the higher rate where heavy density of weeds is expected.

SOUTH AUSTRALIA ONLY – POST-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT spray when very dry conditions prevail.

DO NOT spray under dry frosty conditions.

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

If RAIN FALLS within 6 hours of application, the effect could be diminished.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 herbicides. Apply no more than two Group 2 herbicides in any four-year period on the same paddock.

CROP	WEEDS CONTROLLED	RATE/ha
Wheat, Oats, Barley Late post-emergent application	Wild Radish	15 g plus crop oil at 1 L per 100 L of spray mixture or surfactant at recommended label rates
Barley, Oats, Triticale, Wheat From 3 leaf to early tillering stage	Faba Beans (volunteer), Long Fruited Turnip, Long Headed Poppy, Paterson's Curse, Turnip Weed	6.5 g + 300 mL Terbutryn 500 SC
	Hedge Mustard, Indian Hedge Mustard, Wild Turnip	6.5 g + 300 mL Terbutryn 500 SC to 10 g + 440 mL Terbutryn 500 SC
	Ball Mustard, Crassula, Medic, Prickly Lettuce (Whiphistle)	10 g + 440 mL Terbutryn 500 SC
	Field Peas (volunteer), Wild Radish	10 g + 440 mL Terbutryn 500 SC to 13 g + 600 mL Terbutryn 500 SC
	Volunteer Lupins, Doublegee or Three-cornered Jack (Spiny Emex), Vetch, Wireweed (less than 3 leaves) suppression	13 g + 600 mL Terbutryn 500 SC

CRITICAL COMMENTS
<p>LATE POST-EMERGENT APPLICATION: Spray during early flowering of the wild radish. DO NOT apply to the crop during or after anthesis and flowering (Zadoks 60). DO NOT spray on weeds under stress.</p> <p>WARNING: Application to oats may cause some yellowing.</p> <p>DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides. Petroleum based crop oils are recommended as well as non-ionic surfactants (1000 g/L).</p> <p>Spray when weeds are in the 2 to 6 leaf stage (up to 6 node/leaflet for field peas, 10 leaflet for vetch), except 2 to 4 leaf for Doublegee.</p> <p>Use rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist.</p> <p>Spray only when weeds are actively growing.</p> <p>Spray only after good rain and when topsoil is moist. Best results are obtained when good soil moisture has been present since planting.</p>

NEW SOUTH WALES ONLY – PRE-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 herbicides.

Apply no more than two Group 2 herbicides in any four-year period on the same paddock.

CROP	WEEDS CONTROLLED	RATE/ha
Wheat	Black Bindweed, (Climbing Buckweed), Burr Medic, Common Cotula, Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Denseflower Fumitory, Hedge Mustard, Indian Hedge Mustard, Lesser Swinecress, Paterson's Curse, Prickly Lettuce, Rough Poppy, Smallflower Fumitory, Sowthistle, Stagger Weed, Turnip Weed, Wild Turnip, Yellow Burrweed (Amsinckia) and suppression of Variegated Thistle	30 g
	Annual Ryegrass, Capeweed, Doublegee or Three-cornered Jack (Spiny Emex), Paradoxa Grass (Annual Phalaris), Wireweed and suppression of Wild Radish and Mexican Poppy	35 g
	Annual Ryegrass, Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Hedge Mustard, Indian Hedge Mustard, Prickly Lettuce (Whipthistle), Smallflower Fumitory, Wild Turnip, Wireweed (Hogweed), Wards Weed	10 g to 15 g plus 0.83 L of 480 g/L trifluralin

CRITICAL COMMENTS

Apply to bare moist soil prior to sowing or at sowing and incorporate by the sowing operation using low profile 10 cm combine points.

Application should not be made to ridged or excessively cloddy soil.

For best results apply to moist soil when follow up rain is likely to occur within 7 - 10 days.

In conservation tillage situations when weeds and grasses have emerged apply as a tank mixture with the recommended rate of knockdown herbicide prior to sowing.

For best results for Paradoxa Grass control, apply to dry soil before the sowing rain.

DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides.

This mixture to be only used on alkaline soils where pH is greater than 8 (1:5 soil : water suspension method). For best results apply mix to bare moist soil that has a minimum of trash and incorporate to a depth of 5 cm just prior to sowing. Incorporation should be made within 4 hours of application. Heavy rainfall (greater than 50 mm) within 7 days of application may affect efficacy especially at the 10 g rate. Late germination of some weeds e.g. Annual Ryegrass will not be controlled in seasons of above average rainfall. Use the higher rate where heavy density of weeds is expected.

NEW SOUTH WALES ONLY – POST-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT spray when very dry conditions prevail.

DO NOT spray under dry frosty conditions.

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 herbicides.

If RAIN FALLS within 6 hours of application, the effect could be diminished. Apply no more than two Group 2 herbicides in any four-year period on the same paddock.

GROUP	WEEDS CONTROLLED	RATE/ha
Wheat, Oats, Barley (Late post-emergent application)	Wild Radish	15 g plus crop oil at 1 L per 100 L of spray mixture or surfactant at recommended label rates
Barley, Oats, Triticale, Wheat- From 3 leaf to early tillering stage	Turnip Weed	6.5 g + 300 mL Terbutryn 500 SC
	Hedge Mustard, Indian Hedge Mustard, London Rocket, Wild Turnip	6.5 g + 300 mL Terbutryn 500 SC to 10 g + 440 mL Terbutryn 500 SC
	Black Bindweed (Climbing Buckwheat), Faba Beans (volunteer), Field peas (volunteer), Medic, Shepherd's Purse	10 g + 440 mL Terbutryn 500 SC
	Deadnettle, Mexican Poppy, Wild Radish	10 g + 440 mL Terbutryn 500 SC to 13 g + 600 mL Terbutryn 500 SC
	Coreopsis, Sunflower (volunteer), Vetch	13 g + 600 mL Terbutryn 500 SC

CRITICAL COMMENTS
<p>LATE POST-EMERGENT APPLICATION: Spray during early flowering of the wild radish. DO NOT apply to the crop during or after anthesis and flowering (Zadoks 60). Do NOT spray on weeds under stress.</p> <p>WARNING: Application to oats may cause some yellowing.</p> <p>DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides.</p> <p>Petroleum based crop oils are recommended as well as non-ionic surfactants (1000 g/L).</p> <p>Spray when weeds are in the 2 to 6 leaf stage (up to 6 node/leaflet for field peas, 10 leaflet for vetch), except 2 to 4 leaf for Doublegee. Use rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist.</p> <p>Spray only when weeds are actively growing.</p> <p>Spray only after good rain and when topsoil is moist.</p> <p>Best results are obtained when good soil moisture has been present since planting.</p>

QUEENSLAND ONLY – PRE-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 herbicides.

Apply no more than two Group 2 herbicides in any four-year period on the same paddock.

CROP	WEEDS CONTROLLED	RATE/ha
Wheat	African Turnip Weed, Black Bindweed (Climbing Buckwheat), Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Hedge Mustard, Indian Hedge Mustard, New Zealand Spinach, Prickly Lettuce, Slender Celery, Smallflower Fumitory, Turnip Weed, Yellow Burrweed (Amsinckia)	30 g
	Annual Ryegrass, Common Peppergrass, Doublegee or Three-cornered Jack (Spiny Emex), London Rocket, Paradoxa Grass, Stagger Weed and suppression of Wild Radish and Wireweed	35 g

CRITICAL COMMENTS

Apply to weed free soil prior to sowing or at sowing and incorporate by the sowing operation using low profile 10 cm combine points.

Application should not be made to ridged or excessively cloddy soil.

For best results apply when follow up rain is likely to occur within 7 - 10 days. In conservation tillage situations where weeds and grasses have emerged apply as a tank mixture with the recommended rate of knockdown herbicides prior to sowing.

For Paradoxa Grass control, apply to dry soil before the sowing rain.

DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides.

TO AVOID UNACCEPTABLE RESIDUES:

DO NOT graze or cut for stock food for 7 weeks after application.

QUEENSLAND ONLY – POST-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT spray when very dry conditions prevail.

DO NOT spray under dry frosty conditions.

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 Herbicides.

Apply no more than two Group 2 Herbicides in any four year period on the same paddock.

If RAIN FALLS within 6 hours of application, the effect could be diminished.

CROP	WEEDS CONTROLLED	RATE/ha
Barley, Wheat From 3 leaf to early tillering stage	Turnip Weed	6.5 g + 300 mL Terbutryn 500 SC
	Denseflower, Fumitory, Indian Hedge Mustard, Smallflower Wild Turnip	6.5 g + 300 mL Terbutryn 500 SC to 10 g + 440 mL Terbutryn 500 SC
	Black Bindweed (Climbing Buckwheat), London Rocket	10 g + 440 mL Terbutryn 500 SC
	Wild Radish	10 g + 440 mL Terbutryn 500 SC to 13 g + 600 mL Terbutryn 500 SC
	Coreopsis, Corn Gromwell (Sheepweed or White Ironweed)	13 g + 600 mL Terbutryn 500 SC

CRITICAL COMMENTS

Spray when weeds are in the 2 to 6 leaf stage except 2 to 4 leaf for Doublegee.

Use the rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist.

Spray only when weeds are actively growing.

Best results are obtained when good soil moisture has been present since planting.

TO AVOID UNACCEPTABLE RESIDUES:

DO NOT graze or cut for stock food for 14 days after application.

VICTORIA ONLY – PRE-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 herbicides.

Apply no more than two Group 2 herbicides in any four-year period on the same paddock.

CROP	WEEDS CONTROLLED	RATE/ha
Wheat	Annual Ryegrass, Burr Medic, Capeweed, Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Hedge Mustard, Indian Hedge Mustard, Prickly Lettuce (Whipthistle), Smallflower Fumitory, Volunteer Chickpeas, Faba Beans and Field Peas, Wild Turnip, Wireweed (Hogweed), Yellow Burrweed (Amsinckia) and suppression of Wild Radish and Skeleton Weed	30 g to 35 g
	Annual Ryegrass, Corn Gromwell (White Ironweed, Sheepweed), Deadnettle, Hedge Mustard, Indian Hedge Mustard, Prickly Lettuce (Whipthistle), Smallflower Fumitory, Wild Turnip, Wireweed (Hogweed), Ward's Weed	10 g – 15 g plus 0.83 L/ha of 480 g/L trifluralin

CRITICAL COMMENTS

Apply to bare moist soil prior to sowing or at sowing and incorporate by the sowing operation using low profile 10 cm combine points.

Applications should not be made to ridged or excessively cloddy soil. Use rates towards the lower end of the range where broadleaf weeds are the major problem.

Use the higher rate where Capeweed, Volunteer Chickpeas, Faba Beans and Field Peas, Wild Radish and Wireweed are the problem. QA Triasulfuron 750 WG Herbicide will provide good control of volunteer grain legumes, however a small proportion of plants may survive and require an overspray to eliminate the potential for grain contamination.

For best results apply to moist soil when follow up rain is likely to occur within 7 - 10 days. Use the lower rate (30 g/ha) on sandy clay loams with a pH greater than 8.5.

For Skeleton Weed a significant degree of control will be achieved on soil types of a predominantly sandy clay loam mixture with a pH greater than 8. Best control is observed where Skeleton Weed germinates in the very early stages of the crop. Surviving plants will be stunted.

DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides.

This mixture to be only used on alkaline soils where pH is greater than 8 (1:5 soil:water suspension method). For best results apply mix to bare moist soil that has a minimum of trash and incorporate to a depth of 5 cm just prior to sowing. Incorporation should be made within 4 hours of application. Heavy rainfall (greater than 50 mm) within 7 days of application may affect efficacy especially at the 10 g/ha rate. Late germination of some weeds e.g., Annual Ryegrass will not be controlled in seasons of above average rainfall.

Use the higher rate where heavy density of weeds is expected.

VICTORIA ONLY – POST-EMERGENT APPLICATION**RESTRAINTS:**

DO NOT apply to crops undersown with legumes.

DO NOT spray when very dry conditions prevail.

DO NOT spray under dry frosty conditions.

DO NOT use if another Group 2 Herbicide (ALS Inhibitor) has been used during the current season.

DO NOT apply to paddocks where there is a high risk of weeds resistant to Group 2 herbicides.

Apply no more than two Group 2 herbicides in any four-year period on the same paddock.

If RAIN FALLS within 6 hours of application, the effect could be diminished.

CROP	WEEDS CONTROLLED	RATE/ha
Wheat, Oats, Barley Late post-emergent application	Wild Radish	15 g plus crop oil at 1 L per 100 L of spray mixture or surfactant at recommended label rates
Barley, Oats, Triticale, Wheat From 3 leaf to early tillering stage	Paterson's Curse, Turnip Weed	6.5 g + 300 mL Terbutryn 500 SC
	Hedge Mustard, Indian Hedge Mustard, Wild Turnip	6.5 g + 300 mL Terbutryn 500 SC to 10 g + 440 mL Terbutryn 500 SC
	Crassula, Faba Beans (volunteer), Hyssop Loosestrife, Medic, Prickly Lettuce (Whipthistle)	10 g + 440 mL Terbutryn 500 SC
	Deadnettle, Field Peas (volunteer), Wild Radish	10 g + 440 mL Terbutryn 500 SC to 13 g + 600 mL Terbutryn 500 SC
	Volunteer Lupins, Vetch and Wireweed (less than 3 leaves) suppression	13 g + 600 mL Terbutryn 500 SC

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

CRITICAL COMMENTS

LATE POST-EMERGENT APPLICATION: Spray during early flowering of the wild radish. DO NOT apply to the crop during or after anthesis and flowering (Zadoks 60). DO NOT spray on weeds under stress.

WARNING: Application to oats may cause some yellowing.

DO NOT use on weeds resistant or thought to be resistant to Group 2 herbicides.

Petroleum based crop oils are recommended as well as non-ionic surfactants (1000 g/L).

Spray when weeds are in the 2 to 6 leaf stage (up to 6 node/leaflet for field peas, 10 leaflet for vetch), except 2 to 4 leaf for Doublegee.

Use the rates towards the lower end of the range (where applicable) when weeds are small and soil conditions are very moist.

Spray only when weeds are actively growing. Spray only after good rain and when topsoil is moist.

Best results are obtained when good soil moisture has been present since planting.

WITHHOLDING PERIODS:

PRE-EMERGENT: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 WEEKS AFTER APPLICATION.

POST-EMERGENT: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.

HARVEST PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

QA Triasulfuron 750 WG Herbicide is a water dispersible granular herbicide for the pre-plant, incorporated by sowing, control of annual ryegrass, Paradoxa grass and certain broadleaf weeds in wheat and for post-emergent control of wild radish in wheat, oats and barley.

Crops other than wheat, barley, oats, triticale and cereal rye can be very sensitive to low soil concentrations of QA Triasulfuron 750 WG Herbicide, thus prior to using this product, careful consideration should be given to crop rotation plans.

MIXING

QA Triasulfuron 750 WG Herbicide is a water dispersible granular herbicide, which mixes readily with water and is applied as a spray.

- Partly fill the spray tank with water
- Start the agitation
- Add the correct amount of product to the spray tank with the agitation system running
- Continue agitation while topping up the tank with water and while spraying
- Use the spray mix within 24 hours of preparation

APPLICATION

Ground Application: Apply by boom spray, applying 30 to 100 L of water per hectare. Avoid overlapping of boom runs.

Aerial Application: Always spray in a crosswind of less than 5 knots. Ensure good spray coverage is obtained. Apply 20 to 40 litres per hectare.

SPRAYER CLEANUP

Where the sprayer is being used to spray cereal crops, rinse the sprayer thoroughly with water. Where the sprayer is being used to spray crops other than cereals:

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 100 L 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.

COMPATIBILITY

When using a tank mix of QA Triasulfuron 750 WG Herbicide and SpraySeed*, add QA Triasulfuron 750 WG Herbicide, with constant agitation to approximately half the total volume of water to be used.

- Ensure that the QA Triasulfuron 750 WG Herbicide is fully dispersed.
- Add the SpraySeed*, fill the spray tank to full volume with water and mix thoroughly.
- Apply tank mix immediately, under constant agitation.

QA Triasulfuron 750 WG Herbicide is compatible with Metolachlor 720, tri-allate, SpraySeed*, glyphosate, sodium molybdate, zinc sulphate, manganese sulphate, copper sulphate, 2,4-D amine, metsulfuron-methyl, bromoxynil, trifluralin, chlorpyrifos, permethrin.

CROP ROTATION GUIDELINES

PRE-EMERGENT APPLICATION

Where the product is applied at the rate of 30 to 35 g/ha: Unless otherwise specified (see table below), wheat, barley, oats, triticale and cereal rye can be planted the following season without restrictions. For other specified crops QA Triasulfuron 750 WG Herbicide treated area may be replanted after the interval indicated in the table below. These recommendations are made on the assumption that QA Triasulfuron 750 WG Herbicide is applied to a wheat crop that reaches maturity in the season of application.

Soil pH (1:5 Soil: Water Suspension Method)	State	Replanting Interval	Minimum Rainfall Requirements between application and sowing the following crop	Crop
6.5 or less	WA, SA, NSW, Vic, Qld only	12 months	300 mm	Field peas, Linseed, Lucerne, Lupins, Medics**, Subterranean Clover**, Faba Beans, Chickpeas and Canola
	NSW, Qld only	18 months	900 mm	Sunflowers
		6.6 to 7.5	NSW, Qld only	12 months
15 months	700 mm			Sorghum, Maize, Soybean, Cotton, Cowpea and Mung Bean
18 months	900 mm			Sunflowers
6.6 to 7.5	WA, SA, Vic only	22 months	500 mm	Field Peas, Linseed, Lucerne, Lupins, Medics**, Subterranean Clover**, Faba Beans, Chickpeas, Canola, Sorghum, Maize, Soybean and Cotton

Soil pH (1:5 Soil: Water Suspension Method)	State	Replanting Interval	Minimum Rainfall Requirements between application and sowing the following crop	Crop
7.6 to 8.5	Vic, SA only	12 months	250 mm	Barley, Oats, Cereal Rye for grain crops
			300 mm	Barley, Oats, Cereal Rye for hay crops
	NSW, Qld only	12 months	500 mm	Chickpeas and Canola
		18 months	700 mm	Sorghum, Maize, Soybean, Cotton, Cowpea and Mung Bean
	WA, SA, Vic only	24 months	700 mm	Field Peas, Linseed, Lucerne, Lupins, Medics**, Subterranean Clover**, Faba Beans, Chickpeas, Canola, Sorghum, Maize, Soybean and Cotton
				8.6 and above
8.6 and above	Vic, SA only	12 months	300 mm	Barley, Oats, Cereal Rye for hay crops
			WA, SA, NSW, Vic, Qld only	24 months

** Includes natural regeneration of subterranean clover and medics. For all other crops seek advice from Quantum Agrosiences Holdings Pty Ltd.

Where the product is applied at 10 to 15 g/ha plus 0.83 L/ha of 480 g/L trifluralin

herbicide: Where the pH is less than 7.5 the following crops can be replanted from 9 months after application providing 300 mm of rainfall has been recorded: field peas, canola, chickpeas, medics, clover, lucerne, safflower, lupins, cereal rye, barley, oats, wheat, triticale. Where rainfall is less than 300 mm for this period further advice should be sought from Quantum Agrosiences Holdings Pty Ltd.

Where the pH is above 7.5 the following crops can be replanted 9 months after application of QA Triasulfuron 750 WG Herbicide: cereal rye, wheat, oats, barley, triticale.

Where the pH is above 7.5 the following crops can be replanted 12 months after application of QA Triasulfuron 750 WG Herbicide providing 350 mm of rainfall has been recorded: field peas, canola, chickpeas, medics, clover, lucerne, safflower, lupins. Where less than 350 mm of rain has fallen between application and sowing the crop, further advice should be sought from a Quantum Agrosiences Holdings Pty Ltd representative.

CROP ROTATION GUIDELINES

POST-EMERGENT APPLICATION

Soil pH (1:5 Soil: Water Suspension Method)	State	Replanting Interval	Crop
6.5 or less	WA, SA, NSW, Vic, only	7 months	Field Peas, Linseed, Lucerne, Lupins, Medics**, Subterranean Clover**, Faba Beans, Chickpeas and Canola
		14 months	Sorghum, Maize, Soybean, and Cotton
6.6 to 8.0	WA, SA, NSW, Vic, only	20 months	Chickpeas, Canola, Sorghum, Maize, Soybean, Cotton, Field Peas, Linseed, Lucerne, Medics**, Subterranean Clover**, Faba Beans
** Includes natural regeneration of Subterranean Clover and Medics.			

For all other crops a replanting interval of 24 months has to be observed. These recommendations are made on the assumption that QA Triasulfuron 750 WG Herbicide

is applied to a wheat crop that reaches maturity in the season of application. Where QA Triasulfuron 750 WG Herbicide is used on soil types with pH greater than 8 (1:5 soil:water suspension method), further advice should be sought from Quantum Agrosiences Holdings Pty Ltd regarding crop rotation guidelines, except for barley, cereal rye, oats, triticale and wheat.

CROP ROTATION GUIDELINES

(Tank mixture of QA Triasulfuron 750 WG Herbicide and Terbutryn)

The following crops can be planted after an application of QA Triasulfuron 750 WG Herbicide and Terbutryn:

In areas where pH is less than 7.5

- 9 months after an application: barley, cereal rye, chickpeas, faba beans, field peas, lupins, medics, oats, canola, safflower, sub clover, triticale, wheat.

In areas where pH is greater than 7.5

- 9 months after an application: barley, cereal rye, oats, triticale, wheat.

- 14 months after an application: cotton, maize, sorghum, soybeans, sunflowers.

Where residual herbicides are applied following an application, the crop rotational guidelines for these products must be followed.

- 22 months after an application: chickpeas, faba beans, field peas, lupins, medics, canola, safflower, sub clover.

For all other crops advice should be sought from Quantum Agrosiences Holdings Pty Ltd.

RESISTANT WEEDS WARNING

QA Triasulfuron 750 WG Herbicide is a member of the Sulfonylurea group of herbicides. The product has the inhibitors of acetolactate synthase mode of action. For weed resistance management QA Triasulfuron 750 WG Herbicide is a Group 2 Herbicide. Some naturally occurring weed biotypes resistant to QA Triasulfuron 750 WG Herbicide and other Group 2 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 QA Triasulfuron 750 WG Herbicide or any other Group 2 herbicides.

GROUP 2 HERBICIDE

Since the occurrence of resistant weeds is difficult to detect prior to use, Quantum Agrosociences Holdings Pty Ltd accepts no liability for any losses that may result from the failure of QA Triasulfuron 750 WG Herbicide to control 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.

PRECAUTIONS

Some crop yellowing or crop retardation may occur where stress factors such as water logging, drought, excessive soil acidity or alkalinity, nutrient deficiency or trace element deficiency disease – Rhizoctonia, Take All, cereal cyst nematodes or soil insects are present or occur following application. Special care should be taken with regard to the application of QA Triasulfuron 750 WG Herbicide to durum wheats as these may be more sensitive where the above stresses are present. In these situations, crop recovery will be rapid provided the stress factors DO NOT continue exerting a negative effect on the crop's growth. Crop retardation may also occur in some instances where considerable late summer/early autumn weed growth occurs. Weeds such as Goosefoot *Chenopodium* spp. can release herbicidally active compounds into the soil.

RE-ENTRY PERIOD

DO NOT enter treated area without protective clothing until spray has dried.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply on or near shrubs, trees, lawns or crops other than wheat, oats and barley. DO NOT drain or flush equipment on, or near desirable trees or other plants, where their roots may extend or in situations whereby 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. DO NOT allow spray to drift onto adjacent crops and non-target desirable plants. DO NOT allow spray to drift onto adjacent fallow land.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a dry, cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. 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.

FIRST AID

First aid is not generally required. If in doubt, contact a Poisons Information Centre (phone Australia 13 11 26) or a doctor.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS) which is available from the supplier.

CONDITIONS OF SALE: Quantum Agrosciences Holdings Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Quantum Agrosciences Holdings Pty Ltd's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Quantum Agrosciences Holdings Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Very toxic to aquatic life with long lasting effects.



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