READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# F.S.A. SIMAZINE 900 WG HERBICIDE

### ACTIVE CONSTITUENT: 900 g/kg SIMAZINE



For the control of weeds in chickpeas, lupins, t-t canola, orchards, vineyards and certain other horticultural crops and non-crop situations as per the Directions For Use Table

IMPORTANT: READ THIS BOOKLET BEFORE USING THIS PRODUCT



#### **DIRECTIONS FOR USE** RESTRAINTS

DO NOT exceed highest rate recommended for any particular crop. DO NOT plant crops other than those recommended following treatments at rates up to 2.5 kg/ha for at least 9 months after application. When rates exceed 2.5 kg/ha planting may NOT be possible for longer periods and trial plantings should be conducted to check residual activity.

| SITUATION &  | WEEDS CONTROLLED  | STATE                            | RATE kg/ha                             |                          | CRITICAL COMMENTS  |
|--|---|----------------------------------|--|--------------------------|--|
| CROP   |   |                                  | Light Soil Heavy Soil                  |                          |  |
| Almonds  | Amaranthus, Annual ryegrass,<br>Annual thistles, Barley<br>grass, Bindy-eye, Capeweed,<br>Chickweed, Common<br>sowthistle, Fumitory, Corn   | SA only                          | 1 kg or 60<br>g/100 L                  | 2 kg or 120<br>g/100 L   | Use only if trees are at least 3 years old.<br>Apply to bare moist soil immediately after cultivation and<br>before weeds emerge.  |
| Asparagus  |   | All States                       | 1.3 kg                                 | 2.5 kg                   | Apply to bare moist soil after last cultivation and before spear emergence.  |
| Berry Fruits   | gromwell (Sheep weed),<br>Creeping oxalis, Doublegee,<br>Fat hen, Fumitory, Ivy-leaf  |                                  |  |                          | DO NOT apply to foliage or when fruit is present. Use on established plants only.  |
| Citrus   | speedwell, Mustard, Native  |                                  |  |                          | Use only if trees are at least 1 year old.   |
| Gladioli   | geranium, Nettles, Potato<br>weed, Red shank, Shepherds   |                                  | 1.2 kg or<br>60 g/100 L                | 1.2 kg or<br>60 g/ 100 L | Apply to bare moist soil after planting. High rates may cause crop damage on sandy soils low in organic matter.  |
| Grapevine  | purse, Turnip, Winter grass,<br>Wireweed (not QLD, TAS)   | Qld only                         | 2 kg                                   | 4 kg                     | Use only if vines are at least 2 years old.  |
|  | Wireweed (not QLD, IAS)<br>Suppression of Brome grass,<br>Soursob and Wild oats   | NSW, Vic,<br>SA, Tas,<br>WA only | 1.25 kg or 60<br>g/100 L               | 2.5 kg or 120<br>g/100 L | Use only if vines are at least 12 months old.<br>In the first year of use split applications are preferred.  |
| Hops   |   | All States                       | 1.3 kg                                 | 2.5 kg                   | Apply to moist bare, moist soil in late Winter or early Spring prior to hop emergence.   |
| Canola<br>(Triazine<br>Tolerant  | Capeweed, Charlock, Clover,<br>Corn cromwell, Doublegee,<br>Fumitories, Geraniums,  | All States                       | 1.1 kg                                 | 2.2 kg                   | Important: This use is subject to adherence to the INTEGRATED WEED MANAGEMENT STRATEGY for TT-Canola.  |
| varieties<br>only)<br>Pre-<br>emergence<br>or post-<br>sowing<br>pre-<br>emergence<br>only | Ivy-leaf speedwell, London<br>rocket, Mustards, Turnips,<br>Paterson's curse, Shepherd's<br>purse, Silver grass (Vulpia)<br>Suppression of Annual<br>Ryegrass, Barley grass, Brome<br>grass, Wild oats                  |                                  |  |                          | See General Instructions:<br>Integrated Weed Management Strategy for TT-Canola<br>Can be applied up to a week before sowing or post-sowing<br>pre-emergence (ideally Incorporated by harrows). For best<br>results apply to bare moist soil, either immediately before<br>seeding or as a pre-emergence treatment at or within 7 days<br>of planting.<br>Sufficient rainfall (20–30 mm) to wet the soil through the<br>weed root zone is necessary within 2–3 weeks of application.<br>Application should NOT be made to ridged or excessively<br>cloddy soil. When applied before seeding, incorporate to a<br>depth of 5 cm.   |
| Chickpeas  | Deadnettle, Indian hedge<br>mustard, Lesser swinecress,<br>Milk thistle, Prickly lettuce,<br>Purple goosefoot, Shepherd's<br>purse, Turnip weed,<br>Wireweed and suppression<br>of Black bindweed and<br>Paradoxa grass | NSW, Qld,<br>SA only             | 800 g plus 1.5L<br>Prometryn (500 g/L) |                          | Apply immediately post-planting. Application should NOT be<br>made to ridged or excessively cloddy soil. For reliable results,<br>significant rain (20–30 mm) is necessary within 2–3 weeks of<br>sowing.  |
|  | Capeweed, Clover, Dock,<br>Doublegee, Mustard, Radish,<br>Self sown cereals, Silvergrass,<br>Turnip weed and suppression<br>of Barley grass, Ryegrass and<br>Wild oats  | WA only                          | 500 g                                  | 1.1 kg                   | For best results, apply to bare moist soil either immediately<br>before seeding, or as a pre-emergent treatment at or within 7<br>days of planting. Sufficient rainfall to wet the soil through the<br>weed root zone (20–30 mm) is necessary within 2–3 weeks of<br>application.<br>Results can be variable if seasonal conditions are dry prior to<br>sowing, and Chickpeas are sown into a dry or low moisture<br>seedbed. Application should NOT be made to ridged or<br>excessively cloddy soil. When applied before seeding<br>incorporation by the sowing operation should NOT be greater<br>than 5 cm. Use 0.55–0.775 kg on lighter soils and in the<br>Northern Agricultural areas, up to 1.1 kg on heavier soil<br>types. DO NOT use on whitish or grey sands. |

| SITUATION &   | WEEDS CONTROLLED   | STATE                             | RATE kg/ha   |  | CRITICAL COMMENTS  |  |
|---|--|-----------------------------------|--|--|--|--|
| CROP  |  |                                   | Light Soil   | Heavy Soil   |  |  |
| Faba Beans  | Annual ryegrass, Barley grass,<br>Brome grass, Capeweed,<br>Corn gromwell (Sheepweed),<br>Deadnettle, Fumitories,<br>Geranium, Ivy-leaf speedwell,<br>Medics, Mustards   | NSW, Vic,<br>WA, SA<br>only       | 1.1 kg   | 1.4 kg   | Apply either pre-seeding or immediately post-sowing which<br>is preferred on light soils.<br>Sow the crop at least 5 cm deep. Use the lowest rate on<br>light soils. Application should NOT be made to ridged or<br>excessively cloddy soil. For fully reliable results significant<br>rainfall, 20-30 mm, is necessary within 2-3 weeks of sowing.<br>DO NOT use rates higher than 1.1 kg/ha on soils with pH 8.0<br>and above as unacceptable crop damage may occur.   |  |
|   | Paradoxa grass, Saffron<br>thistle, Soursob, Volunteer<br>canola, Wireweed and<br>suppression of Wild oats   |                                   | 550 g plus<br>800 mL<br>Trifluralin<br>(480 g/L)                     | 830 g plus<br>800mL<br>Trifluralin<br>(480 g/L)                      | Apply to bare moist soil and incorporate to a depth of 5 cm<br>just prior to sowing.<br>Incorporation should be made within 4 hours of application.<br>Use this mixture where Annual Ryegrass and Wild Oats are<br>the major problem. Application should NOT be made to<br>ridged or excessively cloddy soil.<br>For fully reliable results significant rain (20-30 mm) is<br>necessary within 2-3 weeks of application.   |  |
| Lupins  | Amaranthus, Annual<br>ryegrass, Annual thistles,<br>Barley grass, Capeweed,<br>Chickweed, Common<br>sowthistle, Fumitories, Corn<br>gromwell (Sheep Weed),<br>Creeping oxalis, Doublegee,<br>Fat hen, Fumitory, Ivy-leaf<br>speedwell, Mustard, Native<br>geranium, Nettles, Potato<br>weed, Red shank, Shepherds<br>purse, Turnip, Winter grass,<br>Wireweed (not OLD, TAS)<br>Suppression of Brome grass,<br>Soursob and Wild oats | Qld, NSW,<br>Vic, SA, Tas<br>only | 1.3 kg   | 2.2 kg   | Apply within 2 days of sowing. Seed bed should be moist and<br>free of ay weeds large clods and ridges. Apply higher rate for<br>suppression of Wild oats and Soursob. Use the lower rate<br>(NSW, SA, Vic only) in combination with 800mL Trifluralin<br>480.   |  |
|   |  | NSW, Vic,<br>SA only              | 830 g plus<br>1.25 L<br>Trifluralin<br>(480 g/L)                     | 1.3 kg plus<br>1.25 L<br>Trifluralin<br>(480 g/L)                    | Apply anytime from 4 weeks before sowing until just before<br>sowing. Apply as a tank mixture to bare moist soil and<br>incorporate to a depth of 50 mm prior to sowing.<br>Incorporation must be within 4 hours of spraying especially<br>under warm conditions.<br>More effective than F.S.A. Simazine 900 WG Herbicide on its<br>own in dry conditions and where grass pressures are high.<br>Use 830 g/ha F.S.A. Simazine 900 WG Herbicide on poorer<br>light sands. 1.1 kg/ha on sandy loam and on other soil types.<br>Increase the rate to 1.3 kg/ha where Brome grass is the<br>major problem. |  |
|   |  | WA only                           | 550 g  | 1.1 kg   | DO NOT exceed 500 g/ha on Lupin variety Ultra. Apply<br>immediately before seeding or within 6 days of sowing.<br>Seedbed should be moist and free or weeds, large clods and<br>ridges. Use 550 g to 800 g/ha on yellow sands and other soil<br>types.<br>NOTE: NOT for use on white or grey sands.  |  |
|   |  |                                   | 550 g plus<br>800 mL<br>Trifluralin<br>(480g/L)                      | 800 g plus<br>800 mL<br>Trifluralin<br>(480g/L)                      | Apply to bare moist soil just before sowing.<br>Incorporate to a depth of 4-5 cm with in 4 hours of spraying.<br>Soil should be free of large clods and ridges. Choose<br>Simazine rate according to comments in panel above.<br>NOTE: NOT for use on white or grey sands.   |  |
| Lupins<br>Where<br>weeds are<br>present at<br>time of<br>sowing | Amaranthus, Annual ryegrass,<br>Annual thistles, Barley<br>grass, Bindy eye, Capeweed,<br>Chickweed, Common<br>sowthistle, Fumitory, Corn<br>gromwell (Sheep weed),<br>Creeping oxalis, Doublegee,   | WA only                           | 550 g plus<br>recommended<br>rate of other<br>knockdown<br>herbicide | 800 g plus<br>recommended<br>rate of other<br>knockdown<br>herbicide | Apply 1 to 6 days before drilling crop. Use the higher rate of<br>F.S.A. Simazine 900 WG Herbicide on weeds up to 2 weeks<br>old and the lower rate of F.S.A. Simazine 900 WG Herbicide<br>with a high rate of knockdown herbicide on weeds more than<br>2 weeks old.<br>DO NOT exceed 500 g/ha on lupin variety Ultra.<br>NOTE: NOT use on white or grey sands.   |  |
| Pome Fruit  | Fat hen, Fumitory, Ivy-leaf<br>speedwell, Mustard, Native  | Qld only                          | 3 kg or<br>90 g/100 L  | 4 kg or<br>120 g/100 l   | Use only if trees are at least 2 years old.<br>Apply to bare moist soil.   |  |
| Apples, Pears   | geranium, Nettles, Potato<br>weed, Red shank, Shepherds<br>purse, Turnip, Winter grass,<br>Wireweed (not QLD, TAS)   | NSW, Vic,<br>SA, Tas,<br>WA only  | 1.8 kg/ha<br>or 90 g/100 L   | 2.5 kg/ha<br>or 120 g<br>/100 L                                      | Use only if trees are at least 2 years old.<br>Apply to bare moist soil.   |  |
| Roses   | Suppression of Brome grass,<br>Soursob and Wild oats   | NSW, Vic,<br>SA, Tas, WA<br>only  | 1.3 kg/ha<br>or 60 g/100 L   | 2.5 kg/ha<br>or 120 g<br>/100 L                                      | Apply to bare moist soil. DO NOT use on plants less than 1<br>year old.  |  |
| Strawberries  |  | All States                        | 1.2 kg   | 1.2 kg   | Apply between polythene-covered beds. DO NOT use on white or grey sands in WA.   |  |

| SITUATION &  | WEEDS CONTROLLED   | STATE            | RATE kg/ha  |                                      | CRITICAL COMMENTS  |  |
|--|--|------------------|-------------|--------------------------------------|--|--|
| CROP   |  |                  | Light Soil  | Heavy Soil                           |  |  |
| Sub Clover<br>Established<br>lucerne and<br>perennial<br>grass<br>pastures | Vulpia (Silvergrass), Rat's tail<br>Fescue, Squirrel-tail Fescue,<br>Sand fescue | NSW, Vic<br>only | 550 to      | 900 g                                | Apply 6–10 weeks after emergence of the pasture, but NOT<br>before the 3rd trifoliate leaf stage of Sub Clover. Best results<br>are obtained from application to young, well grazed, and<br>actively growing plants. Some damage to Sub Clover may<br>occur especially at the higher rates. DO NOT apply to sandy<br>soils and use the lower rates on light textured soils. Apply<br>under moist soil conditions; rain following application<br>enhances results. DO NOT apply to stressed plants. Insect<br>infestations should be controlled and sub clover allowed to<br>recover before F.S.A. Simazine 900 WG Herbicide is applied.<br>DO NOT use herbicides for broad-leaved weed control<br>within 3 weeks of application.   |  |
|  |  | NSW, Vic<br>only | 100 - 160 m | 00 g plus<br>L of paraquat<br>) g/L) | Apply 6–10 weeks after emergence of the pasture, but NOT<br>before the 3rd trifoliate leaf stage of Sub Clover. Best results<br>are obtained from application to young, well grazed, and   |  |
|  |  | SA only          | 100 - 160 m | 50 g plus<br>L of paraquat<br>) g/L) | actively growing plants.<br>However the addition of paraquat (250 g/L) improves the<br>control of well-established plants. Add a non-ionic surfactant<br>at 0.2% v/v (200 mL per 100 L) under conditions of good soil<br>moisture, control of other grasses and some broad-leaved<br>weed seedlings may occur. DO NOT apply to sandy soils and<br>use the lower rates on light textured soils. Apply under moist<br>conditions; rain following application enhances results.<br>DO NOT apply to stressed plants. Insect infestations should<br>be controlled and Sub Clover allowed to recover before the<br>F.S.A. Simazine 900 WG Herbicide plus paraquat (250 g/L)<br>is applied. DO NOT use herbicides for broad-leaved weed<br>control within 3 weeks of application. |  |
|  | Vulpia (Silvergrass), Rat's tail<br>fescue                                       | WA only          | 400 to      | o 550 g                              | Apply within 8 weeks of emergence of Sub Clover and<br>grasses. Under conditions of good soil moisture, control of<br>other grasses and some broadleaf weeds may occur.<br>Ensure that there is a good stand of Subterranean Clover<br>present before spraying. Use the lower rate on light textured<br>soils. DO NOT use with broadleaf weed herbicides within 3<br>weeks of using F.S.A. Simazine 900 WG Herbicide. DO NOT<br>tank mix with other herbicides or add crop oils or wetting<br>agents. DO NOT use on Medics, or Red or White Clover. DO<br>NOT overlap when spraying, otherwise damage may be<br>observed.  |  |

#### FORESTRY

| SITUATION &<br>CROP  | WEEDS CONTROLLED   | STATE      | RATE /ha            | CRITICAL COMMENTS  |
|--|--|------------|---------------------|--|
| Forestry<br>Including<br>farm tree<br>plantations<br>Pinus,<br>Araucaria,<br>Corymbia<br>and<br>Eucalyptus<br>tree<br>plantings<br>pre- and<br>postplanting<br>[see General<br>Instructions<br>for further<br>information<br>on tree<br>species] | Pre-emergence control of many<br>annual and some perennial grasses<br>and broadleaved weeds including;<br>Amaranthus, Annual (Wimmera)<br>Ryegrass, Barley grass, Bindii,<br>Brome grass, Capeweed, Chickweed,<br>Common sowthistle, Corn gromwell<br>(Sheep weed), Creeping oxalis, Fat<br>hen, Fumitory, Ivy-leaf speedwell,<br>Mustard, Native geranium, Nettles,<br>Potato weed, Powell's amaranth, Red<br>root amaranth, Red shank, Shepherds<br>purse, Summer grass,<br>Thistles – Annual, Soldier, Variegated,<br>Turnips, Turnip weed, Wild mustard,<br>Wild radish, Wild turnip, Yellow wood,<br>Sorrel.<br>Weed suppression at higher rate:<br>Soursob, Wild oats<br>Weeds suppressed WA:<br>Annual ryegrass, Brome grass, Dock,<br>Doublegee, Radish, Sorrel, Soursob,<br>Wild turnip, Wireweed | All States | 1.6 to<br>6.7 kg/ha | <ul> <li>F.S.A. Simazine 900 WG Herbicide may be applied prior to or after planting.</li> <li>For most situations use 5.0 to 5.5 kg/ha.</li> <li>On gravely, coarse textured soils use 2.8 to 4.0 kg/ha and for sandy low organic soils use 1.6 to 3.0 kg/ha.</li> <li>On sandy soils allow 2 weeks and at least 50 mm of rain between spraying and planting. Use a maximum rate of 1.6 kg/ha for overspraying eucalyptus plantations on sandy, low organic matter soils in WA &amp; SA.</li> <li>For short term weed control or when applied with other preemergent herbicides use half rates according to the situation.</li> <li>Apply to bare ground. Best results will be achieved if applied to moist, finely tilled soil. If weeds are present add a knockdown or other partner herbicide as a tank mix. If spraying after planting check tree tolerance to knockdown or other partner herbicide before using.</li> <li>Application in a band 1.5 to 2.0 metres wide, over the planting row is recommended although broadcast application can also be used. Rates above refer to sprayed hectares and NOT field hectares.</li> <li>Some tree damage may occur, especially with post-plant application. Recovery is normally rapid. Directed application is preferred for postplanting application especially when the higher rates are used.</li> </ul> |

#### **NON-CROP USES**

| SITUATION& CROP   | WEEDS CONTROLLED                                 | STATE      | RATE/ha                     |                          | CRITICAL COMMENTS   |
|---|--|------------|-----------------------------|--------------------------|---|
|   |  |            | Light Soil                  | Heavy Soil               |   |
| Non-crop uses,<br>Commercial, Industrial,   | As above and including<br>Barnyard grass, Summer | All States | 5 kg or<br>500 g/100 L      |                          | Provides seasonal control of annual weed germinations. Apply to bare moist ground.  |
| Rights of Way, Public<br>Utility areas, Road  | grass  |            | 10 kg or<br>1 kg/100 L      | 24 kg or<br>2.4 kg/100 L | Provides long residual control in Winter rainfall areas.<br>Apply to bare moist ground.                                       |
| shoulders, Drains,<br>Headlands, Driveways,<br>Railway tracks,<br>Aerodromes, Gutters,<br>Footpaths |  |            | 24 kg or<br>2.4 kg/100 L    | 4.8 kg/100 L             | Provides long residual control in Summer rainfall<br>areas.<br>Apply to bare moist ground. Read remarks under Crop<br>Safety. |
| Dams, Tanks, Troughs  | Filamentous blue-green<br>algae                  | WA only    | 2 g per 100 litres of water |                          | Mix in a convenient amount of water and apply when algae development first noticed.   |

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

| WITHHOLDING<br>HARVEST | PERIODS:   |
|------------------------|--|
| ALL CROPS:             | NOT REQUIRED WHEN USED AS DIRECTED.                                |
| GRAZING                |  |
| CANOLA:                | DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 15 WEEKS AFTER APPLICATION. |
| SUB CLOVER:            | DO NOT GRAZE FOR 14 DAYS AFTER APPLICATION.                        |
|                        | DO NOT CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION.           |
| CHICKPEAS:             | DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 9 WEEKS AFTER APPLICATION.  |
| FABA BEANS:            | DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION.  |

### **GENERAL INSTRUCTIONS**

F.S.A. Simazine 900 WG Herbicide is a pre-emergent herbicide, which is most effective when applied to bare, moist soil. Because it acts mainly through the roots of weeds, best results are obtained when rain or irrigation move the herbicide down to the root zone within 2 weeks of application. The duration and effectiveness of control depends on the amount applied, the type of soil, intensity of leaching and species of weeds present.

#### MIXING

- Half fill the tank with CLEAN water.Add granules steadily. DO NOT dump.
- Commence vigorous agitation.
- Ensure complete dispersion before filling to volume with water.
- Continue agitation during spraying. DO NOT leave spray solution in tank overnight.

#### APPLICATION

Use a boom sprayer or a knapsack sprayer for small areas. 50–200L of mixture per hectare should be applied with the boom, and a minimum equivalent to 500L per hectare through the knapsack sprayer. Clean spray equipment immediately after use using Spray-Sure Spray Tank Cleaner.

#### **TT-Canola: Application**

DO NOT apply to TT-canola by aircraft. Apply only with a low boom sprayer with a 60m buffer zone downwind of treated fields to natural or impounded lakes or dams, and a 20m buffer zone for any well, sink hole, intermittent or perennial stream. Apply only to areas where run-off is unlikely to occur to where run-off may be captured by farm earthworks.

#### COMPATIBILITY

This product may be mixed with amitrole, F.S.A. Atrazine 900 WG Herbicide, diuron, glyphosate, diquat and paraquat-diquat mixtures. Because products may vary from time to time, a small-scale compatibility test should be carried out before mixing in the spray tank. For residual control of annual weeds in non-crop areas, pome and citrus and vineyards, mixtures of this product and glyphosate may be used. Half fill the spray tank with clean water before adding this product at the recommended rate and mix thoroughly. Then add 360 g/L glyphosate product at 3 L/ha or 700 mL/ 100 L and the remaining water. Maintain adequate agitation and use the mixture promptly. DO NOT use lower rates of glyphosate (360 g/L) where control of perennial weeds is desired.

#### **RESISTANT WEEDS WARNING**



F.S.A. Simazine 900 WG Herbicide is a member of the triazines group of herbicides. F.S.A. Simazine 900 WG Herbicide has the inhibitors of photosynthesis at photosystem II mode of action. For weed resistance management, F.S.A. Simazine 900 WG Herbicide is a Group C herbicide. Some naturally occurring weed biotypes resistant to F.S.A. Simazine 900 WG 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 F.S.A. Simazine 900 WG Herbicide and other Group C herbicides are used repeatedly. These resistant weeds will NOT be controlled by F.S.A. Simazine 900 WG Herbicide or any other Group C herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Four Seasons Agribusiness Pty Ltd accepts NO liability for any losses that may result from the failure of F.S.A. Simazine 900 WG Herbicide to control resistant weeds.

F.S.A. Simazine 900 WG Herbicide may be subject to specific resistance management strategies. For further information consult your local farm chemical supplier, consultant, local Department of Agriculture or Primary Industries.

#### Integrated Weed Management Strategy for TT-Canola

An Integrated Weed Management Strategy for TT-Canola (the Strategy) has been developed and funded by the Canola Association of Australia in co-operation with certain companies. The Strategy is available from the Canola Association of Australia. The strategy outlines recommendations, measures and options for weed management including management of herbicide resistance in weed populations.

A program has been developed that outlines sound agronomic practices and integrated weed management programs designed to optimise the performance of TT-Canola. It is advised that consultation on IWM be undertaken with an accredited agronomist prior to use of F.S.A. Simazine 900 WG Herbicide on TT-Canola.

#### To Minimise Herbicide Resistance

- Avoid dry sowing in heavily weed infested paddocks. Wait for a weed germination after the opening rains in weedy paddocks. Use a pre-plant knockdown or cultivation. No weeds should be allowed to survive at this stage.
- Adapt the weed control program to the anticipated weed spectrum and pressure.

**Broadleaf Weeds And Ryegrass:** Use F.S.A. Simazine 900 WG Herbicide or F.S.A. Atrazine 900 WG Herbicide plus Trifluralin pre-emergence. A follow-up with a Group A herbicide (if ryegrass is susceptible) or F.S.A. Atrazine 900 WG Herbicide may be necessary. **Broadleaf Weeds Only:** Use F.S.A. Atrazine 900 WG Herbicide post-emergence.

- DO NOT use F.S.A. Atrazine 900 WG Herbicide or F.S.A. Simazine 900 WG Herbicide if the area to be treated had a triazine herbicide applied to it last season.
- Watch for escapes especially in paddocks with a long history of Group C herbicide use.
- DO NOT use Group C'herbicides in consecutive years.

#### To Avoid Triazine Carry-Over

**On Acid Soils (pH less than 6.5):** The maximum rate of F.S.A. Atrazine 900 WG Herbicide or F.S.A. Simazine 900 WG Herbicide or a combination of the two products to be applied to the crop during the growing season is 2.2kg ai/ha.

On Alkaline Soils (pH greater than 6.5): The maximum rate of F.S.A. Atrazine 900 WG Herbicide or F.S.A. Simazine 900 WG Herbicide or a combination of the two products to be applied to the crop during the growing season is 1.1kg ai/ha.

Post-Emergence Use: It is recommended that F.S.A. Atrazine 900 WG Herbicide only be used, and at rates of 1.1kg ai/ha or less, on both acid or alkaline soils.

#### **RESISTANT WEEDS REPORTING**

Growers should collect plant or seed samples where weeds that are normally susceptible to atrazine and simazine may be resistant, get them tested and seek professional advice.

#### PRECAUTIONS

#### **RE-ENTRY PERIOD**

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

#### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT spray foliage of desirable plants, except lupins (WA only).

DO NOT use under peach, apricot, plum trees, ornamental prunus or near newly planted shrubs.

DO NOT plant crops other than those recommended for at least 9 months following treatments at rates up to 2.5 kg/ha. At higher rates planting may NOT be possible for much longer periods afterwards.

DO NOT use on sandy or porous soils near desirable plants or trees or where roots of such may extend or are near the surface. Crops such as red beet, lettuce, cabbage, tomato, cucumber and carrots are particularly sensitive to Simazine residues.

DO NOT exceed highest rate recommended for any particular crop.

DO NOT use on white or grey sands (WA only).

DO NOT use in channels or drains where the roots of desirable plants may extend.

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

#### Araucaria, Corymbia, Eucalyptus and Pinus Plantations:

Field trials and use experience has indicated that the following species are tolerant. Test tolerance before treating other species.

Araucaria: all commercial species.

Corymbia: maculata.

**Eucalyptus:** agglomerata, calophylla, camaldulensis, cladocalyx, cloeziana, dunnii, globulus, grandis, laevopinea, nitens, pilularis, pseudoglobulus, regnans, rudis, saligna, wandoo.

**Pinus:** caribaea and hybrids, elliottii, pinaster, radiata.

#### SOIL MOISTURE

If sufficient rain to thoroughly wet the soil through the weed root zone has NOT fallen within 14 days of application, water in with the equivalent of 13 mm of rain. If applied under dry conditions and irrigation is NOT available, mechanical incorporation to a depth of NOT more than 4 cm within 7 days of sowing may assist results.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

DO NOT use the containers for any purpose.

THIS PRODUCT IS VERY HIGHLY TÓXIC TO ALGAE AND AQUATIC MACROPHYTES.

#### STORAGE AND DISPOSAL KEEP OUT OF REACH OF CHILDREN

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Single rinse or shake bag contents into spray tank until bag is empty DO NOT dispose of undiluted chemicals on site. 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

Avoid contact with eyes and skin. DO NOT inhale dust or spray mist. 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 (SDS) that can be obtained from the supplier.

#### **CONDITIONS OF SALE**

The sale, supply, storage, use and application of this product is beyond the control of the manufacturer, and, subject to this provision, all warranties, conditions, rights and remedies express or implied under common law, statute or otherwise, in relation to the sale, supply, storage, use or application are excluded. Four Seasons Agribusiness Pty Limited and its associated entities shall not accept any liability whatsoever (including consequential loss) or however arising (including negligence) for any damage, injury or death connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

Suspected of causing cancer. Very toxic to aquatic life with log lasting effects. Wash contacted areas thoroughly after handling. Avoid release to

the environment. Use personal protective equipment as required. Brush off loose particles from skin.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Collect spillage. In case of fire, use carbon dioxide, dry chemical, foam, water fog.



FOUR SEASONS AGRIBUSINESS

Four Seasons Agribusiness Pty Ltd 287 Boorowa Street, Young, New South Wales, Australia, 2594 ABN 98 115 133 189 ACN 115 133 189 Phone 1300 449 255 www.fourseasonsag.com IN AN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE