

145 mm

145 mm

CAUTION

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

LIFT
HERE



PARTI-SAN 600

HERBICIDE BY SANONDA

*Adverse conditions may cause crop retardation
(refer to "Crop Safety" section)*

THIS BOOKLET IS PART OF THE LABEL



SANONDA
(AUSTRALIA) PTY LTD
ABN 23 059 813 973

SANONDA (Australia) Pty Ltd
Suite 822, St Kilda Road Towers,
1 Queens Road, Melbourne, VIC 3004
TEL: (03) 9863 8081 FAX: (03) 9863 8083
E-mail: email@sanondaoz.com
Website: www.sanondaaz.com

INDEX

	Page		Page
DIRECTIONS FOR USE	2	Boom Spray Application	19
Postcrop & Weed Emergence	2	Aerial Spraying	19
Fallow/Preplant Knockdown Weed Control	10	Sprayer Clean-up	19
Ground Application	11	Crop Rotation Recommendations	20
		Resistant Weeds Warning	21
GENERAL INSTRUCTIONS	16	Protection of Crops, Native & Non-Target Plants & Others	21
Crop Safety	16	Protection of Wildlife, Fish, Crustacea & Environment	21
Compatibility	17	Protection of Livestock	21
Spray Preparation	17	Storage & Disposal	21
Use of Surfactant/Wetting Agent	18		
Ground Spraying	18	SAFETY DIRECTIONS	22
Handgun Application	18	FIRST AID	22
Gasgun Application	18	NOTICE TO BUYER	22

SAFETY DIRECTIONS

KEEP OUT OF REACH OF CHILDREN. May irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. After use and before smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

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

NOTICE TO BUYER

To the extent permitted by law all conditions and warranties and statutory or other rights of action which buyer or any other user may have against Sanonda or Seller are hereby excluded. Sanonda hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information provided by Sanonda or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed. Sanonda's liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price paid therefor.

Registered Trademark of:

¹ Sanonda (Australia)

² Monsanto (Australia) Limited

Sanonda (Australia) Pty. Ltd. A.C.N. 069 813 973
Suite 822, St Kilda Road Towers 1, Queens Road, Melbourne VIC 3004

1. PARTI-SAN 600 HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION (contd)

CROPS	WEEDS CONTROLLED		STATE(S)	RATE g/ha	GROWTH STAGE AT APPLICATION	CRITICAL COMMENTS
	Common Name(s)	Botanical Name				
WHEAT, BARLEY, TRITICALE, & CEREAL RYE	Cutleaf Mignonette	Reseda lutea	SA only	7		Spray actively growing large plants, up to the early flowering stage. Plants emerging after spraying may not be controlled.
	Deadnettle	Lamium amplexicaule	All States	5		
	Denseflower Fumitory	Fumaria densiflora	SA, NSW only			
	Dock (Broadleaf)	Rumex obtusifolius	W A only			
			QLD, NSW, SA VIC, TAS only	5 or 7		
	Faba Beans	Vicia faba	VIC, SA only	5	Apply after the 3 node stage.	
	Field Peas	Pisum sativum	VIC, SA, WA, TAS only			
			NSW only	7		
	Hare's Ear/Treacle Mustard	Conringia orientalis	VIC only	5	Apply before the 5 leaf stage.	
	Hogweed/Wireweed	Polygonum aviculare	WA only		Apply before the 4 leaf stage.	
			VIC, SA, NSW, TAS only	5 or 7		Use the higher rate when weed populations are dense and majority of weeds are 4 leaf.
			QLD only	7	Apply when weeds are cotyledon - 3 leaf stage	
	Indian Hedge Mustard	Sisymbrium orientale	All States	5		

Crop Rotation Recommendations

A. Situation: Wheat, Barley, Triticale & Cereal Rye

- Land previously treated with PARTI-SAN 600 Herbicide by Sanonda should not be rotated to crops other than those listed in the table below.
 - Tolerance of other crops (grown through to maturity) should be determined on a small scale before sowing into larger areas.
- The PARTI-SAN 600 Herbicide by Sanonda treated area may be replanted to any of the specified crops after the interval indicated in the following table:

Soil pH*	MINIMUM RECROPPING INTERVAL			
	10 days	6 weeks	9 months	14 months
5.6 - 8.5	Wheat	Barley Cereal Rye Triticale	Chickpeas Linseed Lupins Oat Rapeseed Subterranean Clover**	Faba Beans Lucerne Medics** Peas Safflower Soybeans Sunflower
8.6 and above	Tolerance of crops (grown through to maturity) should be determined on a small scale, in the previous season, before sowing into larger areas.			

* Soil pH is to be determined by laboratory analysis using the 1:5, soil:water suspension method.

** Involves natural regeneration of subterranean clover and medics.

B. Situation: Pastures*, Rights of way, Commercial and Industrial Areas

The product is broken down in soil, primarily by chemical hydrolysis, but to a lesser degree by microbial degradation. Breakdown is fastest in warm, wet acid soils and slower in cold, dry alkaline soils. Crop species sensitive to the product include:

Cereal Rye	Faba Beans	Oats	Japanese Millet
Triticale	Linseed	Peas	Maize
Wheat	Lucerne	Rapeseed	Panorama Millet
Barley	Lupins	Safflower	White French Millet
Chickpeas	Medics	Subterranean Clover	Sorghum
Sunflower	Soybeans	White Clover	

Legumes will be removed from pasture sprayed with the product and grass production may be reduced for several months. Natural regeneration of legumes from seed is a good indicator of product breakdown. Tolerance of species to be sown to areas previously treated with PARTI-SAN 600 Herbicide by Sanonda should be determined on a small scale before sowing into larger areas.

RESISTANT WEEDS WARNING

PARTI-SAN 600 Herbicide by Sanonda is a member of the sulfonylureas group of herbicides. PARTI-SAN 600 Herbicide by Sanonda has the inhibitors of acetolactate synthase mode of action. For weed resistance management PARTI-SAN 600 Herbicide by Sanonda is a Group B Herbicide. Some naturally-occurring weed biotypes resistance to PARTI-SAN 600 Herbicide by Sanonda and other inhibitors of acetolactate synthase 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 PARTI-SAN 600 Herbicide by Sanonda or other inhibitors of acetolactate synthase herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Sanonda (Australia) Pty, Ltd. accepts no liability for any losses that may result from the failure of PARTI-SAN 600 Herbicide by Sanonda to control resistant weeds

PROTECTION OF CROPS, NATIVE AND NON-TARGET PLANTS AND OTHERS

Injury to or loss of desirable trees or vegetation may result from failure to observe the following:

- DO NOT apply or drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.
- DO NOT apply or allow spray to drift onto adjacent crops and non-target desirable plants, or onto agricultural land scheduled to be planted to other crops as injury to the crop may occur.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

- DO NOT contaminate any body of water by spraying, cleaning of equipment or disposal of waste.

PROTECTION OF LIVESTOCK

- A nil withholding period is applicable for PARTI-SAN 600 Herbicide by Sanonda. It is recommended, however, not to graze treated areas for 2 to 3 days to ensure product efficacy.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of direct sunlight.

DO NOT store a suspension of PARTI-SAN 600 Herbicide for more than two days otherwise significant breakdown may occur.

DO NOT store tank mixes of PARTI-SAN 600 Herbicide when mixed with other materials.

Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers.

DO NOT re-use container. Triple rinse empty containers adding rinsate to the tank, or dispose of with empty container. Puncture top, bottom and sides of empty containers, then crush and bury in approved landfill, or bury under at least 500 mm of soil in a non-crop, non-pasture area away from water sources or homes.

DIRECTION FOR USE**RESTRAINTS**

DO NOT store a suspension of PARTI-SAN 600 Herbicide by Sanonda for more than 2 days otherwise significant breakdown will occur.

DO NOT apply to crops under stress.

DO NOT store tank mixes of PARTI-SAN 600 Herbicide by Sanonda

DO NOT apply if rainfall is expected within 2 hours.

DO NOT use on furrow or flood irrigated crops.

DO NOT apply before the three leaf stage of the crop when used for post emergent weed control

1. PARTI-SAN 600 HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION

CROPS	WEEDS CONTROLLED		STATE(s)	RATE g/ha	GROWTH STAGE AT APPLICATION	CRITICAL COMMENTS
	Common Name(s)	Botanical Name				
WHEAT,	African Turnip Weed	Sisymbrium thellungii	QLD only	5	Apply before the 6 leaf stage	GENERAL Where two rates are specified, use the higher rate for larger weeds, and/or under heavy weed pressures.
BARLEY,	Amsinckia/Yellow	Amsinckia spp.	WA only			
TRITICALE	Burweed		SA, VIC, NSW,	5 or 7		
& CEREAL			TAS only			
RYE	Ball Mustard	Neslia paniculata	SA only	5		
	Boggabri Weed/ Dwarf Amaranth	Amaranthus macrocarpus	QLD only	7	Apply at cotyledon to 10 cm height or diameter stage	Where weed growth stage is not specified in the adjacent column, apply when weeds are small (i.e. no greater than 5 cm in height or diameter) and actively growing.
	Calomba Daisy	Pentzia suffruticosa	SA only	5		
	Cape Tulip	Homeria spp.	WA only			
	Charlock	Sinapis arvensis	VIC, NSW, SA, TAS only	5		
	Chickpeas (Volunteer)	Cicer arietinum	QLD, NSW, VIC, SA only			
	Chickweed	Stellaria medis	NSW, VIC, SA only	5		
	Chicory	Cichorium intybus	QLD only			
	Clover (Subterranean)	Trifolium subterraneu	All States	5	Apply up to the 4 leaf stage.	Refer to General Instructions and Crop Safety Directions for further application instructions.
	Common Sowthistle	Sonchus oleraceus	QLD, NSW, VIC only			

1. PARTI-SAN 600 HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION (contd)

CROPS	WEEDS CONTROLLED		STATE(S)	RATE g/ha	GROWTH STAGE AT APPLICATION	CRITICAL COMMENTS
	Common Name(s)	Botanical Name				
WHEAT, BARLEY, TRITICALE & CEREAL RYE	Shepherd's Purse	Capsella bursa-pastor	NSW, VIC, SA only	5		
	Skeleton Weed (Suppression only)	Chondrilla juncea	NSW, VIC, SA only	7		
			WA only	5		
	Slender Celery	Apium leptophyllum	QLD only			
	Smallflower Fumitory	Fumaria parviflora	SA only			
	Sorrel	Rumex acetosella	SA, VIC, NSW, WA, TAS only			Some regeneration from underground rootstocks and new germinations may occur late in the season.
	Soursob	Oxalis pes-caprae	VIC, SA, WA, NSW, TAS only			Apply after majority of soursobs have emerged and are actively growing.
	Spiny Emex/Doublege Threecornered Jack(s)	Emex australis	WA only			
			SA, VIC, NSW, QLD, TAS only	5 or 7		
	Stagger weed	Stachys arvensis	All States	5		
	Storksbill/Wild Geranium	Erodium spp.	VIC, SA, WA, TAS only			
	Turnip weed	Rapistrum rugosum	All States			
	Volunteer Sunflower	Helianthus annuus	QLD only		Apply to cotyledon to 4 leaf stage.	
			NSW only	7	Apply at 4 to 8 leaf stage. Apply at cotyledon to 8 leaf stage.	
	Wild/Crow Garlic	Allium vineale	VIC only		Apply at the 1-2 leaf stage.	
	Wild Turnip	Brassica tournefortii	All States	5		

Use of Surfactant/Wetting Agent

ALWAYS ADD SANWET[®] TG1000, Surfactant, a 100% non ionic surfactant (1000 ac/L) at 100 mL/100 L final spray volume (0.1% volume/volume).

The use of spraying oils is not recommended.

Note: DO NOT add a surfactant when PARTI-SAN 600 Herbicide tank mixed with Terbutryn or Diuron.

Use the surfactant PULSE[®] when recommended in the Directions For Use Table, and with all gas gun applications (0.2% v/v, i.e. 10mL/5L).

Ground Spraying

Use a boom spray properly calibrated to a constant speed and rate of delivery to ensure thorough coverage and a uniform spray pattern. Avoid overlapping and shut off spray booms while starting, turning, slowing or stopping as injury to the crop may result. Apply a minimum of 50 L prepared spray/ha.

Handgun Application (for Situation: Pastures^{*}, Rights of way, Commercial and Industrial Areas)

Spray foliage and canes until wet. Ensure coverage is uniform and complete. Use pressures of 550-750 kPa (80-100psi) depending on target species and size of bush. Use larger nozzles and higher pressures for larger bushes.

for example:

Size No. 4 or 5 spray nozzle: small individual bushes or broadleaf weeds - less than 1m high.

Size No. 5 or 6 spray nozzle: medium sized bushes 1-2 m high.

Size No. 7 or 8 spray nozzle: large bushes 2-3 m high or of a large diameter.

NOTE: Use large spray nozzle/high volume for blackberry regrowth.

Spray using a wide cone setting as much as possible. Use even, side-by-side spray pattern moving up from the base to the top of the bush as leaves are wet. For blackberries, do not ignore runners to the side or the top of the bush and ensure spray penetrates larger bushes to wet foliage and canes.

Gas Gun Application (for Situation: Pastures^{*}, Rights of way, Commercial and Industrial Areas)

Apply to ensure good coverage of all foliage is achieved. The use of a suitable marker dye is recommended eg. Agmuph White Lightning.

Boom Spray Application (for Situation: Pastures*, Rights of way, Commercial and Industrial Areas

Use a boom spray properly calibrated to a constant speed or rate of delivery to ensure coverage and uniform spray pattern. Adjust boom height to ensure correct spray overlap. Avoid spraying where drift can move onto crops, areas likely to be planted to crops and non target pasture, as injury may occur. Apply in a minimum of 150 L prepared spray/ha. Increase to 200 L prepared spray/ha or more in dense stands of bracken.

Aerial Spraying:**A. Situation: Wheat, Barley, Triticale & Cereal Rye**

Apply in a minimum of 20 L/ha water. Application in a higher water volume of 30 L/ha will improve reliability of weed efficacy. Avoid spraying in still conditions and in winds likely to cause drift onto adjacent sensitive crops or fallow areas likely to be planted to these crops - see Crop Rotation Recommendations: Turn off spray boom whilst passing over creeks and dams.

DO NOT apply when a temperature air inversion is likely to occur Use of Micronair equipment is not recommended due to greater drift potential.

B. Situation: Pastures*, Rights of way, Commercial and Industrial Areas (by Helicopter only)

Apply in a minimum of 100 L per ha on Blackberries or 60 L per ha on Mimosa pigra, and up to a maximum of 200 L prepared spray/ha. Higher water volumes may be necessary to ensure adequate coverage where bushes are large and terrain is steep. Spray with a properly calibrated helicopter using the half overlap opposite pass technique. Avoid spraying in stall conditions and where conditions favour temperature inversions. Avoid spraying where drift can move onto crops, areas likely to be planted to crops and non target pastures, as injury may occur. Turn off spray booms whilst passing over creeks and dams.

Sprayer Cleanup

To avoid subsequent injury to crops other than wheat, barley, triticale, cereal rye and/or pasture, immediately after spraying thoroughly remove all traces of PARTI-SAN 600 Herbicide by Sanonda from mixing and spray equipment as follows:

1. Drain tank, then flush tank, boom and hoses with clean water for a minimum of 10 minutes.
2. Fill the tank with clean water then add 300 mL Sanonda's Boom Spray Cleaner (containing 37 g/L available Chlorine as Sodium Hypochlorite) per 100 L of water. Flush through boom and hoses then allow to stand for 15 minutes with agitation engaged, then drain.
3. Repeat step 2.
4. Nozzles and screens should be removed and cleaned separately. To remove traces of chlorine bleach, rinse the tank thoroughly with clean water and flush through hoses and boom.

CAUTION: DO NOT use Sanonda's Boom Spray Cleaner 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, throat and lung irritation. DO NOT clean equipment in enclosed area.

1. PARTI-SAN 600 HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION (contd)

CROPS	WEEDS CONTROLLED		STATE(S)	RATE g/ha	GROWTH STAGE AT APPLICATION	CRITICAL COMMENTS
	Common Name(s)	Botanical Name				
WHEAT, BARLEY, TRITICALE & CEREAL RYE	Lincoln Weed	Diplotaxis tenuifolia	SA only	7		Apply to actively growing plants from late winter to spring. Plants emerging after spraying may not be controlled.
	Lupins	Lupinus albus	WA, SA, VIC, NSW only	5		
	Mallee Catchfly	Silene apetala	SA only			
	Medic	Medicago spp.	All States			
	New Zealand Spinach	Tetragonia tetragonoi	QLD only	7	Apply before the 4 leaf stage.	
	Parthenium Weed	Parthenium hysteroph	QLD only	5	Apply up to the 4 leaf stage.	
				7	Apply at the 4 leaf to rosette stage.	
	Paterson's Curse/ Salvation Jane	Echium plantagineum	WA only	5		
			SA, NSW only	5 or 7		
	Prickly Lettuce	Lactuca serriola	QLD, SA, VIC, TAS only			
			WA only	5		
	Red Pigweed	Portulaca oleracea	QLD only		Apply before the 6 leaf stage.	
				7	Apply when weed populations are dense and majority of weeds are 6 leaf stage.	
	Rough Poppy	Papaver hybridum	NSW, VIC, SA only	5		
	Saltbush	Atriplex muelleri	QLD only		Apply up to the 4 leaf stage.	
				7	Apply at the 4-6 leaf stage.	

2. PARTI-SAN 600 HERBICIDE MIXTURES - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION (contd)

CROPS	WEEDS CONTROLLED		STATE(S)	RATE/ha	CROP STAGE	CRITICAL COMMENTS
	Common Name(s)	Botanical Name				
WHEAT	Slender Thistle	<i>Carduus tenuiflorus</i>	NSW,VIC,TAS, SA,WA only	5g + 2.1L LVE MCPA	Apply from 5 leaf through to commencement of flag leaf (Zadoks:15-37)	Moderately susceptible. Spray young rosettes.
WHEAT			NSW only	5g + 1L to 1.7L	Apply after the first node can be felt at the base of the tiller and before swelling of the head can be felt in the tiller.	Apply to weeds at seedling to rosette stage. Use the lower rate on seedling weeds and the higher rate on well developed weeds.
BARLEY, CEREAL RYE, TRITICALE				AMINOZ ¹ 2,4D Amine(500g/L)		
	Slender Thistle	<i>Carduus tenuiflorus</i>	TAS* only	5g +1.7L AMINOZ ¹ 2,4D Amine(500g/L)	5 leaf to early tillering. (Zadoks: 15-21)	Apply to weeds at seedling to young rosette stage.
	Slender Thistle	<i>Carduus pycnocephalus</i>				
WHEAT, BARLEY & TRITICALE	Climbing Buchwheat/ Black Bindweed	<i>Polygonum convolvulus</i>	QLD, NSW only	5-7g + 700ml Dicamba	Apply from early tillering when the main shoot has 4-5 leaves plus 2 or more new tillers have formed to start jointing (first node).	For best control apply at early tillering as this weed becomes increasingly difficult to control as it becomes larger

*In Tasmania 2,4-D can only be used between 15 April to 15 September unless otherwise authorised by the Registrar of Pesticides.

4. PARTI-SAN 600 HERBICIDE ONLY - Pastures*, Rights of way, Commercial and Industrial Areas GROUND APPLICATION (Contd)

SITUATION	WEEDS CONTROLLED	STATES	BOOM g/ha	RATE HAND GUN g/100L	GAS GUN g/L	CRITICAL COMMENTS
Pastures*, rights of way, commercial and industrial areas (contd)	Noogoora Burr (<i>Xanthium pungens</i>)	NSW only		7.5		Apply to actively growing plants. Plants under moisture stress will not be controlled.
	Parthenium (<i>Parthenium hysterophorus</i>)	Qld only	7	5		Hand gun - Spray to thoroughly wet all foliage, but not to cause run-off.
		NSW only		5		Boom - (Pastures only) Apply to rosette stage. Spray to thoroughly wet all foliage. Adjust boom height to ensure complete overlap.
	Paterson's Curse/ Salvation Jane (<i>Echium plantagineum</i>)	All States	15	5		Boomspray - Spray to thoroughly wet all foliage. Adjust boom height to ensure correct spray overlap. Hand gun - Spray to thoroughly wet all foliage, but not to cause run-off. W.A. ONLY: Spray plants early flowering stage (August-September).
	Privet (<i>Ligustrum spp.</i>)	Qld, NSW only		10	1+Pulse ² (10mL/5L)	Apply to bushes up to 3m high. Complete foliar spray coverage is essential for control; partial spray coverage will result in recovery. DO NOT spray when bushes are stressed.
	Ragwort (<i>Senecio jacobaea</i>)	Vic, Tas, NSW only	15	5		Apply to actively growing plants at rosette to cabbage stage.
Rubber Vine (<i>Cryptostegia grandiflora</i>)	Qld only			15	Apply to bushes up to 3m tall. Apply from October through April when bushes are actively growing. Ensure thorough spray coverage of all foliage and leaders. Incomplete coverage will result in regrowth.	

4. PARTI-SAN 600 HERBICIDE ONLY - Pastures*, Rights of way, Commercial and Industrial Areas GROUND APPLICATION (Contd)

SITUATION	WEEDS CONTROLLED	STATES	BOOM g/ha	HAND GUN g/100L	GAS GUN g/L	CRITICAL COMMENTS
Pastures*, rights of way, commercial and industrial areas (contd)	Sweet Briar (<i>Rosa rubiginosa</i>)	NSW, Tas, SA, Vic only		10	1+Pulse* (10mL/5L)	Apply when bushes are actively growing. Avoid spraying when bushes are stressed, when leaf fall has commenced or after the end of February. Hand gun - Spray to thoroughly wet all foliage, but not to cause run-off. VIC ONLY: Gas gun - Apply to bushes less than 2m high as application to bushes in excess of 2m may produce variable results. Apply with shots of 25mL of dilute product.
	Tree of Heaven (<i>Ailanthus altissima</i>)	NSW only		10	1+Pulse*	
	Wait-a While (<i>Caesalpinia decapetala</i>)	Qld only		10	(10mL/5L)	
	Wild Turnip (<i>Brassica tournefortii</i>)	NSW only		5		Apply to actively growing plants.

AERIAL APPLICATION BY HELICOPTER

SITUATION	WEEDS CONTROLLED	STATES	RATE g/HA	CRITICAL COMMENTS
Pastures*, rights of way, commercial and industrial areas	Blackberry (<i>Rubus spp.</i>)	NSW, Tas, Vic only	160	Apply when bushes are actively growing. (TASMANIA ONLY: APPLY AFTER PETAL FALL). (VIC ONLY: APPLY BETWEEN DECEMBER AND APRIL). Use not less than 100L prepared spray/ha.
Flood Plains	<i>Mimosa pigra</i>	NT only	50 or 60	Apply in at least 60 L/ha of clean water. Use higher rate when temperature exceeds 35 C. Use D6 or D8 nozzles with 45 swirl plates pressurised to 210 kPa to give a large droplet size and add SANWET [®] TG1000 (non-ionic surfactant). Apply when plant is actively growing. Avoid spraying when plants are stressed.

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

WITHHOLDING PERIOD - NIL

* Will damage legumes in pasture.

2. PARTI-SAN 600 HERBICIDE MIXTURES - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION (contd)

CROPS	WEEDS CONTROLLED	STATE(S)	RATE/ha	CROP STAGE	CRITICAL COMMENTS
	Common Name(s) Botanical Name				
WHEAT, BARLEY, CEREAL RYE & TRITICALE	Saffron Thistle <i>Carthamus lanatus</i>	NSW,VIC,TAS, SA,WA only QLD only	5g + 1.1L - 1.6L LVE MCPA 5g + 1.4 L - 2.1 L MCPA Amine (500g/L)	5 leaf through to commencement of flag leaf (Zadoks:15-37) Early tillering to before boot (Zadoks:21-39) Higher rates (above 1.5L/ha) of MCPA Amine only to be used on crops from mid tillering to before boot stage (Zadoks:23-29)	Spray young rosettes before leaves become spiny. Apply to weeds at seedling to rosette stage. Use the lower rate on seedling weeds and the higher rate on well developed weeds.
WHEAT, BARLEY & TRITICALE		NSW,VIC,TAS, SA,WA only	5g + 300 ml Clopyralid(300g/L)	4 to 5 leaf stage (Zadoks: 14 - 15)	Spray when weeds are young and actively growing. DO NOT apply clopyralid to cereal if field peas are to be sown the following season unless the cereal stubble is burnt.
WHEAT, BARLEY, CEREAL RYE & TRITICALE	Variegated Thistle <i>Silybum marianum</i>	TAS* only QLD only	5g + 1.5 L AMINOZ* 2,4-D Amine(500g/L) 5g + 1.5L MCPA Amine(500g/l)	5 leaf to early tillering (Zadoks:15- 21) Early tillering to before boot (Zadoks:21-39)	Apply to weeds at seedling to rosette stage. Apply to weeds at seedling to rosette stage. Use the lower rate on seedling weeds and the higher rate on well developed weeds.
			5g + 1.1L AMINOZ* 2,4-D Amine (500g/L)	Mid tillering to before boot (Zadoks:23-39)	Apply to weeds at seedling to rosette stage.
		NSW only	5g + 700mL - 1.7L AMINOZ* 2,4-D Amine(500g/L)	Apply after the first node can be felt at the base of the tiller and before swelling of the head can be felt in the tiller.	Apply to weeds at seedling to rosette stage. Use the lower rate on seedling weeds and the higher rate on well developed weeds.
		NSW,VIC,TAS, SA,WA only	5g + 840 ml to 1.1L LVE MCPA	Apply from 5 leaf through to commencement of flag leaf (Zadoks:15-37)	Spray at pre cabbage stage

*In Tasmania 2,4-D can only be used between 15 April to 15 September unless otherwise authorised by the Registrar of Pesticides.

2. PARTI-SAN 600 HERBICIDE MIXTURES - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION (contd)

CROPS	WEEDS CONTROLLED		STATE(S)	RATE/ha	CROP STAGE	CRITICAL COMMENTS
	Common Name(s)	Botanical Name				
WHEAT, BARLEY, CEREAL RYE, TRITICALE	Wild Radish	Raphanus raphanistrum	QLD only	5g + 700mL - 1L MCPA Amine(500g/L)	Early tillering to before boot (Zadoks 21-39)	Apply the lower rate to seedling weeds (3-6 leaf) and the higher rate on well developed weeds up to rosette.
			NSW only		Apply 700mL rate after crop has reached 5 leaf stage. Use higher rates after the first node can be felt at the base of the tiller and before swelling of the head can be felt in the tiller.	
			SA only	5g + 1.4L MCPA Amine(500g/L)	Early tillering to before boot (Zadoks 21-39)	Apply when weeds are seedling to rosette.
			WA only	5g + 1.2L MCPA Amine(500g/L)	5 leaf to tillering (Zadoks 15-30)	
			WA only	5g + 250 ml Diflufenican(25g/L)+ MCPA(250g/L)	WHEAT: 3 leaf to late tillering (Zadoks:13-30) BARLEY:5 leaf to late tillering (Zadoks: 15-30)	Apply up to the 4 leaf stage and not more than 10 cm in diameter.
SW,VIC,TA S, SA,WA only	5g + 1.1L - 1.6L LVE MCPA	5 leaf to commencement of flag leaf (Zadoks:15-37)	Apply up to 2-3 leaf stage only.			

GENERAL INSTRUCTIONS

A. Situation: Wheat, Barley, Triticale & Cereal Rye

- With the exception of the preplant weed control recommendations, apply at the early post emergence stage of the crop (3 leaf to before booting) when weeds are small (i.e. no greater than 5 cm in height or diameter) and actively growing.
- Best weed control is obtained when rainfall wets the soil to a depth of 5 to 7.5 cm within 4 weeks of application.
- Where treatment is delayed or where weeds are not actively growing due to adverse conditions, results may be slow to appear and weeds may be only stunted or suppressed.
- PARTI-SAN 600 Herbicide by Sanonda will remain in the soil for a period of time (see Crop Rotation Recommendations). The persistence of PARTI-SAN 600 Herbicide by Sanonda in the soil is dependent on various environmental conditions e.g. soil pH, temperature, soil moisture and organic matter. Wet, warm, acid soils high in organic matter favour breakdown of PARTI-SAN 600 Herbicide by Sanonda in the soil. It should be noted that PARTI-SAN 600 Herbicide by Sanonda does NOT provide a commercially acceptable level of soil residual weed control.
- Crops other than wheat, barley, triticale and cereal rye may be extremely sensitive to low concentrations of PARTI-SAN 600 Herbicide by Sanonda residues in the sprayer or in the soil. See "Sprayer Clean-up" and "Crop Rotation Recommendations".
- The recommendation of the addition of PARTI-SAN 600 Herbicide by Sanonda to Sanonda SANOS/Glyphosate as a pre-plant knockdown is to enhance the control of certain broadleaf weeds eg doublegee, sorrel, erodium, clover medic and soursob. Its purpose is not to provide residual control of weeds.

Crop Safety

- DO NOT USE in winter cereal crops undersown with legume pasture species eg, medics, clovers.
- DO NOT apply to wheat varieties King, Jacup, Miling and Harrier.
- Care should be taken if it is intended to apply PARTI-SAN 600 Herbicide by Sanonda in the same season to a crop already treated with another sulfonylurea herbicide such as Sanonda LASHER' Cereal Herbicide, as crop damage may occur. Consult your local agronomist or Sanonda representative.
- DO NOT apply Sanonda LASHER' Cereal Herbicide in a tank-mix with PARTI-SAN 600 Herbicide by Sanonda as a preplant application.
- Use of this product on land having a soil pH of 5.5 or less may result in some crop retardation, particularly if the crop is stressed - see comment in point below.
- DO NOT apply to crops that are stressed by and cause (such as severe weather conditions, drought, waterlogging, excessive soil acidity or alkalinity, poor nutrient status, disease, nematode or insect damage) as crop injury may result. When treatment is followed by severe stress (such as drought, prolonged cold, waterlogging or frosty conditions) crop yellowing and growth retardation may occur. Crops normally recover without loss in yield. Disease, nematode or insect damage following application may also result in crop injury.

B. Situation: Pastures, Right of way, Commercial and Industrial Areas

- Always add a surfactant/wetting agent. (See section 'Use of Surfactant/Wetting Agent').
- Apply when bushes/plants are actively growing. Where treatment is delayed or bushes/plants are not actively growing due to adverse conditions (such as a period of prolonged dry weather) or if partial spray coverage occurs, results may be slow to appear and subsequent regrowth may occur.
- Should regrowth occur, re-treatment at the recommended rate is advised. Re-treatment of blackberries should only be undertaken once regrowth has reached one (1) metre high - this may not be until two (2) years after the initial application.
- For control of bushes previously sprayed with other brush control herbicides or for bushes which may have been burned or slashed, ensure two (2) years have elapsed.
- Legumes will be removed from pasture if over-sprayed with PARTI-SAN 600 Herbicide by Sanonda. Some crops are extremely sensitive to low concentrations of this product. See 'Sprayer Clean-up' section.
- Due to the widespread picking of blackberries by the public, it is recommended that the product is not applied to bushes bearing mature fruit solutions.

Compatibility

PARTI-SAN 600 Herbicide by Sanonda is compatible with the commonly used broadleaf herbicides, Terbutryn, MCPA Amine, MCPA Ester, 2,4-D Amine eg. AMINOZ, Metribuzin, Clopyralid, Dicamba and Diuron, and non selective glyphosate herbicides, eg. SANOS.

PARTI-SAN 600 Herbicide by Sanonda is compatible with the commonly used insecticides chlorpyrifos (eg. Sanonda PIRIFOZ¹) and omethoate.

Some increased temporary crop yellowing may occur when PARTI-SAN 600 Herbicide by Sanonda is applied as a tank mix with these insecticides.

To extend the weed range add MCPA Amine, 2,4-D Amine eg. AMINOZ, Diuron and Terbutryn at label rates (VIC only).

NOTES ON PARTI-SAN 600 Herbicide/DICLOFOP-NETHYL EC MIXTURES:

Although PARTI-SAN 600 Herbicide/DICLOFOP-METHYL Mixtures are physically compatible, Sanonda DOES NOT recommend use of this mixture due to the risk of reduced grass weed control and/or crop damage.

Spray Preparation

PARTI-SAN 600 Herbicide is a wettable powder formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Using the measuring cup provided measure the amount of product required for the volume to be sprayed. Add the correct amount of product to the spray tank with the agitation system engaged. Top up to the correct volume with water. THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION.

Where prepared spray solutions have been allowed to stand, thoroughly re-agitate before using.

2. PARTI-SAN 600 HERBICIDE MIXTURES - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION

For the control of weeds other than those listed in Item 1 the following mixtures with their appropriate timings are recommended

For mixing instructions refer to "Spray Preparation" section.

CROPS	WEEDS CONTROLLED		STATE(S)	RATE/ha	CROP STAGE	CRITICAL COMMENTS
	Common Name(s)	Botanical Name				
WHEAT, BARLEY, CEREAL RYE, TRITICALE	Capeweed.	Arctotheca calendula	NSW, VIC only	5g + 500mL Diuron(500g/h) +500mL MCPA Amine(500g/L)	3-5 leaf (Zadoks 13-15) NSW only 5 leaf (Zadoks 15) VIC only	DO NOT apply to Kamilaroi Shortrim or Olympic Wheat Apply when weeds are 2-5 leaf
			SA only	5g + 500mL Diuron(500g/h) +350mL MCPA Amine(500g/L)	3-5 leaf (Zadoks 13-15)	
	Wild Radish	Raphanus raphanistrum	WA only	5g + 350mL Diuron(500g/h) +400mL MCPA Amine(500g/L)	3-4 leaf (Zadoks 13-14)	Apply when weeds are 2-5 leaf.
				5g + 500mL Terbutryn + 600mL MCPA Amine(500g/L)	3 leaf - early tillering (Zadoks 13-21)	Apply when weeds are 2-6 leaf.
WHEAT, BARLEY	Capeweed.	Arctotheca calendula	NSW only SA only	5g + 850mL Terbutryn 5g + 500mL Terbutryn		
WHEAT, ARLEY,CERE AL, TRITICALE			NSW, VIC,SA WA. only	5g + 1L of Terbutryn(275g/L) + MCPA (160g/L)	3 to 5 leaf (Zadoks 13 - 15)	Spray actively growing weeds at the 2-6 leaf stage.
			WA only	5g + 750 mL Bromoxynil (100g/L) + MCPA (360g/L)	3 leaf tto full tillering (SA, WA only)	Apply when weeds are up to 6 leaf stage.
			QLD,NSW,VIC, TAS,SA only	5g + 1.4 ml Bromoxynil (100g/L) + MCPA (360 g/L)	5 leaf to full tillering	Apply when weeds are 6 - 8 leaf.
			WA only	5g + 1.4 L Bromoxynil (100g/L) + MCPA (360 g/L)	(QLD,NSW, VIC TAS only)	
			QLD,NSW,VIC, TAS,SA only	5g + 2.1 L Bromoxynil (100g/L) + MCPA (360 g/L)		

4. PARTI-SAN 600 HERBICIDE ONLY - Pastures*, Rights of way, Commercial and Industrial Areas
GROUND APPLICATION

Restrains: DO NOT spray if rainfall is expected within four (4) hours.

SITUATION	WEEDS CONTROLLED	STATES	BOOM g/ha	RATE HAND GUN g/100L	GAS GUN g/L	CRITICAL COMMENTS
Pastures*, rights of way, commercial and industrial areas	Alligator Weed (<i>Alternanthera philoxeroides</i>)	NSW only	80			Apply in terrestrial situations only. Follow-up applications over at least two seasons are essential for complete control.
	Apple Box (<i>Angophora floribunda</i>) Messmate Stringybark (<i>E. obloqua</i>) Peppermint gum (<i>E. radiata</i>) Red gum (<i>E. blakelyi</i>) Yellow box (<i>E. melliodora</i>)			10+Pulse ² (200mL/100L)	1+Pulse ² (10mL/5L)	Apply to plants up to 4m high. Avoid spraying when plants are stressed. Ensure thorough foliage cover. Results cannot be guaranteed where suckers originate from large lignotubers.
	Australian Blackthorn (<i>Bursaria spinosa</i>)	NSW, Qld, Tas, Vic only		10	1+Pulse ² (10mL/5L)	Apply when bushes are actively growing. Avoid spraying when bushes are stressed. Hand gun - Spray to thoroughly wet all foliage, but not to cause run-off.
	Bathurst Burr (<i>Xanthium spinosum</i>)	NSW only		5 or 7.5		Apply to actively growing plants up to early flowering. Use the higher rate when plants are beyond early flowering. Plants under moisture stress will not be controlled.
	Belyache Bush (<i>Jatropha gossypifolia</i>)	Qld only		10+Pulse ² (200mL/100L)		

4. PARTI-SAN 600 HERBICIDE ONLY - Pastures*, Rights of way, Commercial and Industrial Areas GROUND APPLICATION (Contd)

SITUATION	WEEDS CONTROLLED	STATES	BOOM g/ha	RATE HAND GUN g/100L	GAS GUN g/L	CRITICAL COMMENTS
Pastures*, rights of way, commercial and industrial areas (contd)	Blackberry (<i>Rubus spp.</i>)	All States & NT		10	1+Pulse ² (10mL/5L)	Apply when bushes are actively growing. (Tas only: Apply after petal fall) (Vic only: Apply between December and April) Spray to thoroughly wet all foliage and canes. Ensure peripheral runners are sprayed.
	Bitou Bush/Boneseed (<i>Chrysanthemoides monilifera</i>)	NSW, Qld, Vic, SA only		10	1+Pulse ² (10mL/5L)	Spray to thoroughly wet all foliage. Minimise contact with desirable species.
	Bridal Creeper (<i>Myrsiphyllum asparagoides</i>)	SA only		5		Apply during mid June to late August. Follow-up applications over at least 2 seasons will be required for complete control. Water volumes of 500-800 L/ha are recommended to minimise the risk of damage to native vegetation.
	Common Bracken (<i>Pteridium exculentum</i>)	All States & NT	60	10		Spray after full frond expansion. Spray to thoroughly wet all foliage, but not to cause run-off. For boom application adjust boom height to ensure correct spray overlap. Avoid spraying when plants are stressed or in conditions of prolonged dry weather when soils are dry
	Crofton Weed (<i>Eupatorium adenophorum</i>)	NSW, Qld, only		15		Spray to thoroughly wet all foliage, but not to cause run-off. Extra care should be taken to get good spray coverage when spraying bushes situated in thickets. Apply to actively growing weeds up to early flowering. Best results are obtained on younger plants. If regrowth occurs. retreat in the subsequent growth period.
	Darling Pea (Swainsona spp.)	NSW only	10			Apply during spring.

4. PARTI-SAN 600 HERBICIDE ONLY - Pastures*, Rights of way, Commercial and Industrial Areas GROUND APPLICATION (Contd)

SITUATION	WEEDS CONTROLLED	STATES	BOOM g/ha	RATE HAND GUN g/100L	GAS GUN g/L	CRITICAL COMMENTS
Pastures*, rights of way, commercial and industrial areas (contd)	Fennel (<i>Foeniculum vulgare</i>)	NSW only		10		Apply to actively growing plants.
	Golden Dodder (<i>Cuscuta australis</i>)	SA,NSW, Qld,Vic,only		1		Apply as spot spray to point of run-off. Ensure correct coverage of infested area. Apply pre flowering.
	Gorse (<i>Ulex europaeus</i>)	Vic, Tas, SA, NSW only		10+Pulse ² (200mL/100L)		Apply to bushes up to 2m tall. Ensure thorough spray penetration and coverage of the whole plant.
	Great Mullein (<i>Verbascum thapsus</i>)	NSW only	20+Pulse ² (200mL/100L)			Regrowth may occur if growing conditions are not good. Apply during spring at times of good soil moisture to rosettes before stem elongation.
	Hawthorn (<i>Crataegus laevigata</i>)			10		Apply when bushes are actively growing. Avoid spraying when bushes are stressed. Spray to thoroughly wet all foliage, but not to cause run-off.
	Inkweed (<i>Pytholacca octandra</i>)	Qld, NSW only		5		Spray to thoroughly wet all foliage but not to cause run-off.
	Japanese Sunflower (<i>Tithonia diversifolia</i>)	NSW only		10		Spray to thoroughly wet all foliage but not to cause run-off.
	Kangaroo Thorn (<i>Acacia paraoxa</i>)			10		Apply to bushes up to 2.5m high when actively growing.
	Lantana (<i>Lantana camara</i>)	Qld, NSW only		10	2+Pulse ² (10mL/5L)	Apply to bushes 2m tall. Spray to thoroughly wet all foliage and stems. Spray should penetrate throughout the bush. Should regrowth occur, retreatment will be necessary.
	Mistflower (<i>Eupatorium riparium</i>)	Qld, NSW only		5		Spray to thoroughly wet all foliage but not to cause run-off. Apply to actively growing weeds up to early flowering.

3. PARTI-SAN 600 HERBICIDE + SANOS/GLYPHOSATE - FOLLOW/PREPLANT KNOCKDOWN WEED CONTROL

CROPS	WEEDS CONTROLLED	STATE(S)	RATE g/ha	GROWTH STAGE AT APPLICATION	CRITICAL COMMENTS
WHEAT	Refer to Post Crop and Weed Emergence section of PARTI-SAN 600 Herbicide Direction for use.	All States except WA	PARTI-SAN 600 Herbicide 5 or 7g + SANOS/glyphosate at label rates.	Refer to Post Crop and Weed Emergence section of PARTI-SAN 600 Herbicide and SANOS/glyphosate Directions for Use.	<ul style="list-style-type: none"> • DO NOT apply less than 10 days prior to sowing as crop injury may occur, particularly under dry, cold conditions. • Apply when weeds are actively growing. • Refer to General Instructions and Critical Comments of the Post Crop & Weed Emergence section of the PARTI-SAN 600 Herbicide and SANOS/glyphosate Directions for Use. • Use the appropriate rate of each product for the target weed spectrum.
		WA only	PARTI-SAN 600 Herbicide 5g + SANOS/glyphosate at label rates.		
BARLEY, CEREAL RYE OR TRITICALE		All States except WA	PARTI-SAN 600 Herbicide 5 or 7g + SANOS/glyphosate at label rates.		<ul style="list-style-type: none"> • DO NOT apply less than 6 weeks prior to sowing as crop injury may occur, particularly under dry, cold conditions. • Apply when weeds are actively growing. • Refer to General Instructions and Critical Comments of the Post Crop & Weed Emergence section of the PARTI-SAN 600 Herbicide and SANOS/glyphosate Directions for Use. • Use the appropriate rate of each product for the target.
		WA only	PARTI-SAN 600 Herbicide 5g + SANOS/glyphosate at label rates.		



SANONDA
(AUSTRALIA) PTY LTD
ABN 23 059 813 973

SANONDA (Australia) Pty Ltd
Suite 822, St Kilda Road Towers,
1 Queens Road, Melbourne, VIC 3004
Website: www.sanondaos.com

TEL: (03) 9863 8081
FAX: (03) 9863 8083
E-mail: email@sanondaos.com