

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

# **CropSure Comrade 600WG Herbicide**

**ACTIVE CONSTITUENT: 600g/kg METSULFURON METHYL**

<b>GROUP</b>	<b>2</b>	<b>HERBICIDE</b>
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For control of certain brush and broadleaf species in native pastures, rights of way and commercial and industrial areas and for the control of certain broadleaf weeds in winter cereal crops, grass pastures and pasture renovation as per Directions for Use table.

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE OPENING OR USING THIS PRODUCT**

**NET CONTENTS: 100 g – 5 kg**

**CropSure Pty Ltd**

18 Raymond Road

Laverton North

VIC 3026

ABN: 17 643 829 190

ACN: 643 829 190

Phone: 03 9931 2200

[www.cropsure.com](http://www.cropsure.com)

**STORAGE AND DISPOSAL**

KEEP OUT OF REACH OF CHILDREN. Store in the closed, original container in a dry, cool, well ventilated area, away from children, animals, food, feedstuffs, seed and fertilisers. Do not store for prolonged periods in direct sunlight. Triple pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemical on site.

If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

**SAFETY DIRECTIONS**

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing the solution wear elbow-length PVC gloves and goggles. If applying by hand wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and goggles and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia: 13 11 26, New Zealand 0800 764 766.

**SAFETY DATA SHEET (SDS)**

For further information refer to the Safety Data Sheet (SDS), which can be obtained from the supplier.

**CONDITIONS OF SALE**

CropSure Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise, whatsoever or whosoever arising whether through negligence or otherwise, in connection with the sale, supply, use or application of this product, except for any provisions or rights under the Australian Consumer Law which cannot be excluded. The supply of this product is on the express condition that the purchaser does not rely on CropSure Pty Ltd skill of judgement in the purchasing or using the same and every person using this product does so at their own risk absolutely. The Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions. This product is designed to be only used according with the label directions.

**IN A TRANSPORT EMERGENCY  
DIAL 000  
POLICE OR FIRE BRIGADE**

**24HR Emergency Response:  
AU +61 1800 951 288  
NZ +64 800 700 112**

APVMA APPROVAL NO: 90205/131073

BATCH NO:

DATE OF MANUFACTURE:

Very toxic to aquatic life with long lasting effects. Avoid breathing dusts. Do not get in eyes, on skin, or on clothing. Avoid release to the environment. Brush off loose particles from skin. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. In case of fire: Use carbon dioxide, dry chemical, foam, to extinguish. Protect from sunlight. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool. Dispose of contents and containers as specified on the registered label.

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# **CropSure Comrade 600WG Herbicide**

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For control of certain brush and broadleaf species in native pastures, rights of way and commercial and industrial areas and for the control of certain broadleaf weeds in winter cereal crops, grass pastures and pasture renovation as per Directions for Use table.

**IMPORTANT: READ THIS LEAFLET BEFORE OPENING OR USING THIS PRODUCT**

**APVMA Approval No.:** 90205/131073

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Laverton North  
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ABN: 17 643 829 190  
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**DIRECTIONS FOR USE****RESTRAINTS:**

**DO NOT** store a suspension of CropSure Comrade 600WG Herbicide for more than two days otherwise significant breakdown will occur.

**DO NOT** apply to crops under stress.

**DO NOT** store tank mixes of CropSure Comrade 600WG Herbicide.

**DO NOT** apply if rainfall is expected within 2 hours (for Woody Weeds 4 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.

**DO NOT** treat newly sown pastures as severe damage may occur.

**DO NOT** use on pasture seed crops.

**DO NOT** apply to weeds that are under stress or not actively growing.

# **1. CEREALS: CROPSURE COMRADE 600WG HERBICIDE ONLY - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION**

Crops	Weeds Controlled	States	Rate g/Ha	Weed Growth Stage at Application	Critical Comments
Wheat, Barley, Triticale & Cereal Rye	African Turnip Weed ( <i>Sisymbrium thellungii</i> )	Qld only	5	Apply before the 6 leaf stage	<b>General</b> Where the two rates are specified, use the higher rate for larger weeds and/or under heavy weed pressures.  Where weed growth stage is not specified in the adjacent column, apply when weeds are small (i.e. no greater than 5cm in height or diameter) and actively growing.  Refer to General Instructions and Crop Safety Directions for further application instructions.
	Amsinckia/Yellow Burrweed ( <i>Amsinckia spp.</i> )	WA only	5 or 7		
		SA, Vic, NSW, Tas only			
	Ball Mustard ( <i>Neslia paniculata</i> )	SA only	5		
	Boggabri Weed/ Dwarf Amaranth ( <i>Amaranthus macrocarpus</i> )	Qld only	7	Apply at cotyledon to 10cm height or diameter stage	
	Calomba Daisy ( <i>Pentzia suffruticosa</i> )	SA only	5		
	Cape Tulip ( <i>Homeria spp.</i> )	WA only			

	Charlock ( <i>Sinapsis arvensis</i> )	Vic, NSW, SA, Tas only			
	Chickpeas (Volunteer) ( <i>Cicer arietinum</i> )	Qld, NSW, Vic, SA only			
	Chickweed ( <i>Stellaria media</i> )	NSW, Vic, SA, Tas only			
	Chicory ( <i>Cichorium intybus</i> )	Qld only			
	Clover (Subterranean) ( <i>Trifolium subterraneum</i> )	All States			
	Common Sowthistle ( <i>Sonchus oleraceus</i> )	Qld, NSW, Tas, Vic only	7	Apply up to the 4 leaf stage	Spray actively growing large plants, up to early flowering stage. Plants emerging after spraying may not be controlled.
	Cutleaf Mignonette ( <i>Reseda lutea</i> )	SA, Tas only			
	Deadnettle ( <i>Lamium amplexicaule</i> )	All States			
	Denseflower Fumitory ( <i>Fumaria densiflora</i> )	SA, NSW only			
	Dock (Broadleaf) ( <i>Rumex obtusifolius</i> )	WA only			
		Qld, NSW, Vic, SA, Tas only	5 or 7		
	Faba Beans ( <i>Vicia faba</i> )	Vic, SA only	5	Apply after the 3 node stage	
	Field Peas ( <i>Pisum sativum</i> )	Vic, SA, WA, Tas only			
		NSW only	7		

Wheat, Barley, Triticale & Cereal Rye Cont.	Hare's Ear/Treacle Mustard <i>(Conringia orientalis)</i>	Vic only	5	Apply before the 5 leaf stage	Use the higher rate when weed populations are dense and majority of weeds are 4 leaf.
	Hogweed/ Wireweed <i>(Polygonum aviculare)</i>	WA only	5 or 7	Apply before the 4 leaf stage	
		Vic, SA, NSW, Tas only			
		Qld only	7	Apply when weeds are cotyledon - 3 leaf stage	
	Indian Hedge Mustard <i>(Sisymbrium orientale)</i>	All States	5		Heavy populations and/or those suffering cold or moisture stress may not be completely controlled - a tank mix with LVE MCPA is recommended.
	Lincoln Weed <i>(Diplotaxis tenuifolia)</i>	SA only	7		Apply to actively growing plants from late winter to spring. Plants emerging after spraying may not be controlled.
	Lupins <i>(Lupinus albus)</i>	WA, SA, NSW, Vic only	5		
	Mallee Catchfly <i>(Silene apetala)</i>	SA only			
	Medic <i>(Medicago spp.)</i>	All States			
	New Zealand Spinach <i>(Tetragonia tetragonoides)</i>	Qld only	7	Apply before the 4 leaf stage	
	Parthenium weed <i>(Parthenium hysterophorus)</i>	Qld only	5	Apply up to the 4 leaf stage	
			7	Apply at the 4 leaf to rosette stage.	
	Paterson's Curse/ Salvation Jane <i>(Echium plantagineum)</i>	Tas, WA only	5		
		SA, NSW only	5 or 7		
	Prickly Lettuce <i>(Lactuca serriola)</i>	Qld, SA, Vic, Tas only	5 or 7		
WA only		5			

	Red Pigweed ( <i>Portulaca oleracea</i> )	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 ( <i>Papaver hybridum</i> )	NSW, Vic, SA, Tas only	5			
	Saltbush ( <i>Atriplex muelleri</i> )	Qld only		Apply up to the 4 leaf stage.		
		7	Apply at the 4 - 6 leaf stage.			
	Shepherd's Purse ( <i>Capsella bursapastoris</i> )	NSW, Vic, SA, Tas only	5			
	Skeleton Weed (Suppression only) ( <i>Chondrilla juncea</i> )	NSW, Vic, SA only	7		Some regeneration from underground rootstocks and new germinations may occur late in the season.	
		WA only	5			
	Slender Celery ( <i>Apium leptophyllum</i> )	Qld only	5			Apply after majority of soursobs have emerged and are actively growing.
	Smallflower Fumitory ( <i>Fumaria parviflora</i> )	SA only				
	Sorrell ( <i>Rumex acetosella</i> )	SA, Vic, NSW, WA, Tas only				
	Soursob ( <i>Oxalis pes-caprae</i> )	Vic, SA, WA, Tas, NSW only				
	Spiny Emex/ Doublegee, Threecornered Jack(s) ( <i>Emex australis</i> )	WA only	5 or 7			
		SA, Vic, NSW, Tas, Qld only				
	Stagger weed ( <i>Stachys arvensis</i> )	All States	5			
	Storksbill/Wild Geranium ( <i>Erodium spp.</i> )	Vic, SA, WA, Tas only				

	Turnip Weed ( <i>Rapistrum rugosum</i> )	All States	7		
	Volunteer Sunflower ( <i>Helianthus annuus</i> )	Qld only		Apply at cotyledon to 4 leaf stage.	
		NSW only		Apply at 4 to 8 leaf stage.	
	Wild/Crow Garlic ( <i>Allium vineale</i> )	Vic, Tas only	5	Apply at cotyledon to 8 leaf stage.	
	Wild Turnip ( <i>Brassica tournefortii</i> )	All States		Apply at the 1 - 2 leaf stage.	

## 2. CEREALS: CROPSURE COMRADE 600WG HERBICIDE MIXTURES - POST CROP AND WEED EMERGENCE BY GROUND AND AERIAL APPLICATION

For the control of weeds in addition to those listed above the following mixtures with their appropriate timings are recommended. For mixing instructions, refer to "Spray Preparation" Section.

Crops	Weeds Controlled	States	Rate g/Ha	Crop Stage at Application	Critical Comments
<b>Wheat, Barley, Triticale &amp; Cereal Rye</b>	Capeweed ( <i>Arctotheca calendula</i> ) and Wild Radish ( <i>Raphanus raphanistrum</i> )	NSW, Vic only	5g + 500mL Diuron Flowable 500g/L (or 280g Diuron 900g/Kg) + 500mL of MCPA 500g/L	3-5 leaf (Zadoks 13-15) NSW only 5 leaf (Zadoks 15) Vic only	DO NOT apply to Kamilaroi, Shortim or Olympic Wheat. Apply when weeds are 2-5 leaf.
		SA only	5g + 500mL Diuron Flowable 500g/L (or 280g Diuron 900g/Kg) + 500mL of MCPA 500g/L	3 to 5 leaf (Zadoks 13-15)	
		WA only	5g + 350mL Diuron Flowable 500g/L (or 195g Diuron 900g/Kg) + 500mL of MCPA 500g/L	3 to 4 leaf (Zadoks 13-14)	Apply when weeds are 2-5 leaf.
<b>Wheat, Barley</b>	Capeweed ( <i>Arctotheca calendula</i> )		5g + 550mL Terbutryn 500g/L SC + 600mL of MCPA 500g/L	3 leaf - early tillering (Zadoks 13-21)	Apply when weeds are 2-6 leaf.
		SA only	5g + 550mL Terbutryn 500g/L SC		
		NSW only	5g + 850mL Terbutryn 500g/L SC	3 leaf - early tillering (Zadoks 13-21)	



		NSW, Vic, SA, WA only	5g + 1L Agtryne	3 to 5 leaf (Zadoks 13-15)	Spray actively growing weeds at the 2-6 leaf stage.
Wheat, Barley, Triticale & Cereal Rye		WA only	5g + 750mL Bromicide MA	3 leaf to full tillering (SA, WA only) 5 leaf to full tillering (Qld, NSW, Vic, Tas only)	Apply when weeds are up to 6 leaf stage.
		Qld, NSW, Vic, Tas, SA only	5g + 1.4L Bromicide MA		
		WA only			Apply when weeds are 6-8 leaf.
		Qld, NSW, Vic, Tas, SA only	5g + 2.1L Bromicide MA	3 leaf to full tillering (SA only) 5 leaf to full tillering (Qld, NSW, Vic, Tas only)	Apply when weeds are 6-8 leaf.
	Wild Radish ( <i>Raphanus raphanistrum</i> )	Qld only	5g + 700mL to 1L of MCPA 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 of MCPA 500g/L	Early tillering to before boot (Zadoks 21-39)	Apply when weeds are seedling to rosette.
		WA only	5g + 1.2L of MCPA 500g/L	5 leaf- tillering (Zadoks 15-30)	
				5g + 250mL Tigrex*/ Nugrex	Wheat: 3 leaf to late tillering (Zadoks 13-30) Barley: 5 leaf to late tillering (Zadoks 15-30)
	Wheat, Barley				
Wheat, Barley, Triticale & Cereal		NSW, Vic, Tas, SA, WA only	5g + 1.1 to 1.6L of LVE MCPA 500g/L	5 leaf to commencement of flag leaf (Zadoks 15-37)	Apply up to 2-3 leaf stage only.

<b>Rye</b>	Saffron Thistle ( <i>Carthamus lanatus</i> )	NSW, Vic, Tas, SA, WA only	5g + 1.1 to 1.6L of LVE MCPA 500g/L	5 leaf through to commencement of flag leaf (Zadoks 15- 37)	Spray young rosettes before leaves become spiny.
		Qld only	5g + 1.4L to 2.1L of MCPA500g/L	Early tillering to before boot (Zadoks 21-39). Higher rates (above 1.5L to 2.1L) of MCPA 500g/L only to be used on crops from mid tillering to before boot stage (Zadoks 23-29).	Apply to weeds at seedling to rosette stage. Use the lower rate on seedling weeds and the higher rate on well developed weeds.
	Saffron Thistle ( <i>Carthamus lanatus</i> )	NSW, Vic, Tas, SA, WA only	5g + 300mL Lontrel*/ CropSure Cloptrel 750SG Herbicide	4 to 5 leaf stage (Zadoks 14-15).	Spray when weeds are young and actively growing. DO NOT apply Lontrel/ CropSure Cloptrel 750SG Herbicide to a cereal crop if field peas are to be sown the following season unless the cereal stubble is burnt.
	Variegated Thistle ( <i>Silybum marianum</i> )	Tas only*	5g + 1.2L CropSure Amigo 625 Herbicide	5 leaf to early tillering (Zadoks 15-21).	Apply to weeds at seedling to rosette stage.
		NSW only	5g + 700mL to 1.4L CropSure Amigo 625 Herbicide	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.
		Qld only	5g + 900mL CropSure Amigo 625 Herbicide	Mid tillering to before boot (Zadoks 23-39).	Apply to weeds at the seedling to rosette stage.
		Qld only	5g + 1.5L MCPA 500g/L	Early tillering to before boot (Zadoks 21-39).	
		NSW, Vic, Tas, SA, WA only	5g + 840mL to 1.1L LVE MCPA 500g/L	Apply from 5 leaf through to commencement of flag leaf (Zadoks 15- 37).	Spray at pre-cabbage stage.
			5g + 2.1L LVE MCPA 500g/L		
<b>Wheat</b>	Slender Thistle ( <i>Carduus</i> )				Moderately susceptible. Spray young rosettes.

<b>Wheat, Barley, Triticale &amp; Cereal Rye</b>	<i>tenuiflorus</i> )	NSW only	5g + 0.8L to 1.4L CropSure Amigo 625 Herbicide	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.
	Slender Thistles ( <i>Carduus tenuiflorus</i> and <i>Carduus pycnocephalus</i> )	Tas only*	5g + 1.4L CropSure Amigo 625 Herbicide	5 leaf to early tillering (Zadoks 15-21).	Apply to weeds at seedling to young rosette stage.
<b>Wheat, Barley &amp; Triticale</b>	Climbing Buckwheat/ Black Bindweed ( <i>Fallopia convolvulus</i> )	Qld, NSW only	5g - 7g + 1L Trooper* 242 Herbicide	Apply from early tillering (when the main shoot has 4 to 5 leaves plus 2 or more new tillers have formed) to start of jointing (first node).	For best control apply at early tillering as this weed becomes increasingly difficult to control as it becomes larger.

### 3. CEREALS: CROPSURE COMRADE 600WG HERBICIDE + GLYPHOSATE - FALLOW/PREPLANT KNOCKDOWN WEED CONTROL

Crops	Weeds Controlled	States	Rate g/Ha	Weed Stage at Application	Critical Comments
Wheat	Refer to Post Crop and Weed Emergence section of this leaflet (Table 1), and the CropSure Cropmaster 450 Herbicide at label rates Directions for Use.	All States Except WA	CropSure Comrade 600WG Herbicide 5g or 7g + CropSure Cropmaster 450 Herbicide at label rates	Refer to Post Crop and Weed Emergence section of this leaflet (Table 1), and the CropSure Cropmaster 450 Herbicide Directions for Use.	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 respective labels. Use the appropriate rate of each product for the target weed spectrum.
		WA only	CropSure Comrade 600WG Herbicide 5g + CropSure Cropmaster 450 Herbicide at label rates		
Barley, Cereal Rye or Triticale		All States Except WA	CropSure Comrade 600WG Herbicide 5 or 7g + CropSure Cropmaster 450 Herbicide at label rates		
		WA only	CropSure Comrade 600WG Herbicide 5g +		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 respective labels.

			CropSure Cropmaster 450 Herbicide at label rates		Use the appropriate rate of each product for the target weed spectrum.
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#### 4. CropSure Comrade 600WG Herbicide + CropSure Cropmaster Herbicide - CHICKPEA DESICCATION AND KNOCKDOWN WEED CONTROL (ALL STATES)

Crops	Weeds Controlled	Rate g/Ha	Weed Stage at Application	Critical Comments
<b>Chickpeas</b> - pre-harvest application as a crop desiccant and knockdown weed control (Application to crops intended for seed production or for sprouting may reduce germination percentage to commercially unacceptable levels.)	Refer to Post Crop and Weed Emergence section of this label (Table 1), and the Tank mix product label directions for use	5 g/ha + Glyphosate as potassium monomethylamine & ammonium salt (600g/L) 450 – 950 mL/ha or Glyphosate present as the potassium & ammonium salt (470g/L) 580 - 1200 mL/ha	Refer to Post Crop and Weed Emergence section of this label (Table 1), and tank mix product label directions for use	Apply when chickpeas are physiologically mature and less than 15% of green pods are present. Use the higher rate of glyphosate when crops or weeds are dense and where faster desiccation is required. Speed of desiccation is dependent on crop stage, growing conditions and weather conditions during and after application. This use should be part of an Integrated Weed Management Strategy that incorporates herbicides with different modes of action and alternative cultural weed practices.

## 5. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS - GROUND APPLICATION

Situation	Weeds Controlled	States	Rate			Critical Comments
			Boom g/ha	Handgun g/100L	Gas gun g/L	
<b>Native Pastures*, rights of way, commercial and industrial areas</b>	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>Eucalyptus obliqua</i> ), Peppermint Gum ( <i>E. radiata</i> ), Red Gum ( <i>E. blakelyi</i> ), Yellow box ( <i>E. melliodora</i> )		-	10 + CropSure Heartbeat Penetrant (200mL/100L)	1 + CropSure Heartbeat Penetrant (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		Apply when bushes are actively growing. Avoid spraying when bushes are stressed. Handgun: Spray to thoroughly wet all foliage, but not to cause run-off.
	Bellyache bush ( <i>Jatropha gossypifolia</i> )	Qld only	-	10 + CropSure Heartbeat Penetrant (200mL/100L)	-	
	Blackberry ( <i>Rubus</i> spp.)	All States & NT	-	10 + mineral crop oil (1L/100L)	1 + CropSure Heartbeat Penetrant (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. In Tasmania, DO NOT apply to bushes carrying mature fruit.
	Bitou bush/ Boneseed ( <i>Chrysanthemoides monilifera</i> )	NSW, Qld, Vic, SA only	-	10	1 + CropSure Heartbeat Penetrant (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 esculentum</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> )	Qld, NSW only	-	15	-	Spray to thoroughly wet all foliage, but not to cause run-off. Extra care should be taken to get good spray penetration when spraying bushes situated in thickets. Apply to actively growing weeds up to early flowering. Best results obtained on younger plants. If regrowth occurs, retreat in the subsequent growth period.
Darling Pea ( <i>Swainsona spp.</i> )	NSW only	10	-	-	Apply during spring.
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 a 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	-	15 + CropSure Heartbeat Penetrant (200 mL/ 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 + CropSure Heartbeat Penetrant (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>Phytolacca octandra</i> )	Qld, NSW only	-	5	-	Spray to thoroughly wet all foliage but not to cause run-off.
Japanese Sunflower ( <i>Tihonia diversifolia</i> )	NSW only	-	10	-	

	Kangaroo thorn ( <i>Acacia paradoxa</i> )		-		-	Apply to bushes up to 2.5m high when actively growing.
	Lantana ( <i>Lantana camara</i> )	Qld, NSW only	-		2 + CropSure Heartbeat Penetrant (10mL/5L)	Apply to bushes up to 2m tall. Spray to thoroughly wet all foliage and stems. Spray should penetrate throughout the bush. Should regrowth occur retreatment will be necessary.

<b>Native Pastures*, rights of way, commercial and industrial areas (cont.)</b>	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.
	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	-	<b>Handgun</b> - Spray to thoroughly wet all foliage but not to cause runoff. <b>Boom</b> - (Pastures only). Apply up to rosette stage. Spray to thoroughly wet all foliage. Adjust boom height to ensure complete overlap.
		NSW only	-		-	
	Paterson's Curse/Salvation Jane ( <i>Echium plantagineum</i> )	All States	15		-	<b>Boom</b> - Spray to thoroughly wet all foliage. Adjust boom height to ensure correct spray overlap. <b>Handgun</b> - Spray to wet all foliage but not to cause run-off. <b>WA only</b> - Spray plants at early flowering stage (August - September).
	Privet ( <i>Ligustrum spp.</i> )	Qld, NSW only	-	10	1 + CropSure Heartbeat Penetrant (10mL/5L)	Apply to bushes up to 3m high. Complete foliar spray coverage is essential for control; partial spray coverage will result in regrowth 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 in height. 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.
	Sweet Briar ( <i>Rosa rubiginosa</i> )	NSW, Tas, SA, Vic only	-	10	1 + CropSure Heartbeat Penetrant (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.



						<b>Handgun</b> - Spray to thoroughly wet all foliage, but not to cause run-off. <b>Vic only</b> – Gas gun - Apply to bushes less than 2m high as application to bushes in excess of 2m high may produce variable results. Apply with shots of 25mL of dilute product.
	Tree-of-Heaven ( <i>Ailanthus altissima</i> )	NSW only	-			Spray to thoroughly wet all foliage, but not to cause run-off.
	Wait-a-while (Mysore thorn) ( <i>Caesalpinia decapetala</i> )	NSW, Qld only	-		-	
	Wild Turnip ( <i>Brassica tournefortii</i> )	NSW only	-	5	-	Apply to actively growing plants.

\* Will damage legumes in pastures

#### 6. NATIVE PASTURES, RIGHTS OF WAY, COMMERCIAL AND INDUSTRIAL AREAS, AND FLOODPLAINS - AERIAL APPLICATION BY HELICOPTER

Situation	Weeds Controlled	States	Rate g/ha	Critical Comments
<b>Native Pastures*, rights of way, commercial and industrial areas</b>	Blackberry ( <i>Rubus</i> spp.)	NSW, Tas, Vic only	160	Apply when bushes are actively growing. (Tas only: Apply after petal fall. DO NOT apply to bushes carrying mature fruit). (Vic only: Apply between December and April). Use not less than 100L prepared spray/ha.
<b>Flood Plains</b>	<i>Mimosa pigra</i>	NT only	50 or 60	Use the higher rate when air temperature exceeds 35°C. Apply in at least 60L/ha of clean water. Use D6 or D8 nozzles with 45 swirl plates pressurised to 210 kPa to give a large droplet size. Add Wetter 1000. Apply when plant is actively growing. Avoid spraying when plants are stressed.

\*Will damage legumes in pastures



## 7. PASTURES, FORESTS, COMMERCIAL AND INDUSTRIAL AREAS, RIGHTS OF WAY, DOMESTIC AND PUBLIC SERVICE AREAS: CropSure Comrade 600WG Herbicide AND GLYPHOSATE HERBICIDE

ALL STATES

**PLANTING INTERVAL: 1 DAY PER GRAM CROPSURE COMRADE 600WG Herbicide A MINIMUM BEFORE PLANTING**

Situation	Weeds Controlled	Rate - Aerial or Boom	Rate - Handgun or Knapsack	Critical Comments
<b>Pastures and Forests.</b>  <b>Planting interval: wait a minimum of 1 day per gram CropSure Comrade 600WG Herbicide before planting.</b>  <b>Commercial and Industrial areas, Rights of way, Domestic and public service areas</b>  <b>DO NOT USE ON ALKALINE SOILS</b>	Blackberry ( <i>Rubus</i> spp.)	8.0L Glyphosate 360 Herbicide plus 60g CropSure Comrade 600WG Herbicide per ha	400 mL Glyphosate 360 Herbicide plus 3g CropSure Comrade 600WG Herbicide per 100L water	For Blackberries, apply from flowering until prior to leaf yellowing. Due to widespread picking of Blackberries by the public, it is not recommended that the product be applied to bushes bearing mature fruit. Use Pulse Penetrant at the rate of 100mL per 100L water. Application to Pine wildings less than 50cm in height should be controlled when actively growing.
	Volunteer pine wildings (suppression only)	8.0L Glyphosate present as the isopropylamine and mono-ammonium salt (360 g/L) or 6.0L Glyphosate present as the potassium & mono-ammonium salt (470g/L) or 4. 7L Glyphosate as the Monomethylamine & ammonium salt (600g/L) plus 60g CropSure Comrade 600WG Herbicide per ha	400 mL Glyphosate 360 Herbicide present as the isopropylamine and mono-ammonium salt (360 g/L) or 300mL Glyphosate present as the potassium & mono-ammonium salt (470g/L) or 259mL Glyphosate as the Monomethylamine & ammonium salt (600g/L) plus 3g CropSure Comrade 600WG Herbicide per 100L water	Use Pulse Penetrant at the rate of 100mL per 500L water. Application to Pine wildings less than 50cm in height should be controlled when actively growing.

	Bracken ( <i>Pteridium esculentum</i> )	4.0L Glyphosate 360 Herbicide plus 30g CropSure Comrade 600WG Herbicide per ha	400 mL Glyphosate 360 Herbicide plus 3g CropSure Comrade 600WG Herbicide per 100L water	Apply when fronds are fully unfurled but prior to first frosts. For boom application, refer to Boom application section. Use Pulse Penetrant at the rate of 500mL per 100L of water. <b>Use the 60g rate in Spring and the tank mixture in Autumn for best control option for Bracken.</b> <b>DO NOT disturb Bracken for minimum 6 weeks after application.</b>
		60g CropSure Comrade 600WG Herbicide per ha	As for 'Volunteer pine wildings' entry above	
	Gorse ( <i>Ulex europaeus</i> ), Lantana ( <i>Lantana camara</i> ), St John's wort ( <i>Hypericum perforatum</i> ), Sweet briar ( <i>Rosa rubiginosa</i> ),		400 mL Glyphosate 360 Herbicide plus 3g CropSure Comrade 600WG Herbicide per 100L water	<b>Use Pulse Penetrant at the rate of 100mL per 100L of water.</b> For Gorse, apply when actively growing at any time of year, except Spring. For Lantana, apply when actively growing. DO NOT apply during periods of Summer drought stress. For St John's Wort, apply when actively growing from Spring to Summer. For Sweet Briar, apply when in full leaf, prior to leaf fall.
	Fog grass ( <i>Holcus lanatus</i> ), Gorse ( <i>Ulex europaeus</i> ), Lantana ( <i>Lantana camara</i> ), St John's wort ( <i>Hypericum perforatum</i> ), Sorrel ( <i>Rumex acetosella</i> ) Sweet briar ( <i>Rosa rubiginosa</i> ), Topped lavender ( <i>Lavandula stoechas</i> )	4.0L Glyphosate 360 Herbicide or 3.1L Glyphosate 470 g/L or 2.4L Glyphosate 600g/L plus 30g CropSure Comrade 600WG Herbicide per ha		<b>Use Pulse Penetrant at the rate of 500mL per 100L of water.</b> For Gorse, apply when actively growing at any time of year, except Spring. For Lantana, apply when actively growing. DO NOT apply during periods of Summer drought stress. For St John's Wort, apply when actively growing from Spring to Summer. For Sweet Briar, apply when in full leaf, prior to leaf fall. For Topped lavender, Fog grass and Sorrel, apply when actively growing. For Sorrel apply 10-30g when actively growing. DO NOT apply during periods of Summer drought stress.

**8. TOLERANT GRASS PASTURES OR IN A PASTURE RENOVATION - GROUND APPLICATION**

Situation	Weeds Controlled	States	Rate g/ha	Critical Comments
<b>ESTABLISHED PASTURES</b>  <b>TOLERANT GRASS SPECIES</b> <b>Perennial phalaris</b> <b>Perennial cocksfoot</b> <b>Stands greater than one year old</b>  <b>OR PASTURE RENOVATION</b> <b>Use in rundown pasture to reduce weed burden before sowing with a pasture in the following year</b>	Cape Tulip: Both one and two leaf ( <i>Homeria spp.</i> )	Vic, SA, NSW, WA & Tas only	5	Apply at bulb exhaustion usually during July/early August. More than one year of application may be required to obtain control.
	Annual Clover ( <i>Trifolium spp.</i> )	Vic, SA, NSW, WA, Qld & Tas only		Apply before flowering.
	Dock spp. ( <i>Rumex spp.</i> )		5-seedlings 10-established	Best results when applied in spring prior to bolting.
	Doublegee/Spiny Emex/Three Cornered Jack(s) ( <i>Emex australis</i> )	WA only	5 to 10	Apply up to the 6 leaf stage. Use the higher rate on dense populations.
	Erodium/Storksbill/Wild Geranium ( <i>Erodium spp.</i> )	Vic, SA, NSW, WA & Tas only		Use the higher rate on dense populations. Spray before flowering.
	Annual Medics ( <i>Medicago spp.</i> )	Vic, SA, NSW, WA & Tas only	5	For best results apply before flowering.
	Onion grass/Guildford grass ( <i>Romulea rosea</i> )		15	Apply at bulb exhaustion usually late June/July before the onset of browning off caused by fungus. When mixing with glyphosate use 10g/ha.
	Paterson's Curse/Salvation Jane ( <i>Echium planatagineum</i> )	Vic, SA, NSW, WA, Qld & Tas only	10 or 15	Apply lower rate to small plants. Apply higher rate before bolting/flowering.
	Ragwort ( <i>Senecio jacobaea</i> )	Vic, SA, NSW, & Tas only	15	Apply to actively growing plants at the rosette to cabbage stage.
	Sorrel ( <i>Rumex acetosella</i> )	Vic, SA, NSW, WA & Tas only	5-seedlings 10-established	Best results when applied in spring prior to seed heads appearing.
	Soursob ( <i>Oxalis pes-caprae</i> )		5 to 10	Use the higher rate on dense stands. Spray before flowering for best results.
	Wild Garlic ( <i>Allium vineale</i> )		15	Apply at bulb exhaustion usually July to early August. More than one year of application may be required to obtain control.

**Note: Always add a non-ionic surfactant (1000g /L) e.g., Wetter 1000 at 200mL/100L of water (0.2% v/v).**

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

**\* IN TASMANIA 2, 4-D CAN ONLY BE APPLIED BETWEEN 15TH APRIL AND 15TH SEPTEMBER UNLESS OTHERWISE AUTHORISED BY THE REGISTRAR OF PESTICIDES.**

**WITHHOLDING PERIOD:**

**CEREALS CropSure Comrade 600WG Herbicide ONLY:**

**– NOT REQUIRED WHEN USED AS DIRECTED.**

**CEREALS CropSure Comrade 600WG Herbicide MIXTURES:**

- TANK MIXES AGTRYNE, MCPA 500g/L, CropSure Amigo 625 Herbicide, TIGREX, TROOPER 242 OR TERBUTRYN 500g/L SC – DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**
- TANK MIXES WITH BROMICIDE MA – DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.**

**CHICKPEAS TANK MIXES WITH GLYPHOSATE AS POTASSIUM MONOMETHYLAMINE & AMMONIUM SALT OR GLYPHOSATE**

**PRESENT AS THE POTASSIUM MONO-AMMONIUM SALT:**

- DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**
- DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION**

**PASTURES AND OTHER USE SITUATIONS – NOT REQUIRED WHEN USED AS DIRECTED.**

**GENERAL INSTRUCTIONS**

CropSure Comrade 600WG Herbicide is a selective systemic herbicide, which is adsorbed through the roots and foliage with rapid translocation acting by inhibiting cell division in meristems thus stopping growth. Some crops are extremely sensitive to low concentrations of this product. See “Sprayer Cleanup” section. Where treatment is delayed or where weeds are not actively growing due to adverse conditions, results may be slow to appear and weeds may only be stunted or suppressed.

**Instructions specific for cereals:** 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 5cm in height or diameter) and actively growing. Best weed control is obtained when rainfall wets the soil to a depth of 5 to 7.5cm 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 (eg. Indian Hedge Mustard). CropSure Comrade 600WG Herbicide will remain in the soil for a period of time (see Crop Rotation Recommendations). The persistence of CropSure Comrade 600WG Herbicide 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 CropSure Comrade 600WG Herbicide in the soil. It should be noted that CropSure Comrade 600WG Herbicide 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 CropSure Comrade 600WG Herbicide residues in the sprayer or in the soil. See “Sprayer Clean-up” and “Crop Rotation Recommendations”. The recommendation of the addition of CropSure Comrade 600WG Herbicide to Glyphosate 450 Herbicide and Glyphosate 360 Herbicide as a pre-plant knockdown is to enhance the control of certain broadleaf weeds (e. g. doublegee, sorrel, erodium, clover, medic and soursob) and to help prevent (or at least minimise) the risk of resistant weeds occurring. Its purpose is not to provide residual control of weeds.

**Instructions specific for brush and herbaceous weed control:**

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 tall - 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 has elapsed. Due to the widespread picking of blackberries by the public, it is recommended that the product is not applied to bushes bearing mature fruit.

**Instructions specific for treatment of pasture or pasture renovation:**

Allow weeds to recover from grazing before application. Docks and Sorrel in particular require fresh leaf growth for adequate uptake of chemicals. Legumes will be removed from pasture if oversprayed with CropSure Comrade 600WG Herbicide. Some grasses will be damaged in pasture sprayed with the product and biomass production may be reduced for several months. CropSure Comrade 600WG Herbicide used on established Perennial Phalaris and/or established Perennial Cocksfoot may cause temporary yellowing and some stunting. CropSure Comrade 600WG Herbicide can severely damage Annual and Perennial Ryegrass. CropSure Comrade 600WG Herbicide does not control/damage Silvergrass (*Vulpia spp.*), Brome Grass (*Bromus spp.*) or Winter grass (*Poa spp.*). Sorrel seedlings may germinate after the break in the following year, particularly after cultivation. The ungerminated clover seed bank is not affected by CropSure Comrade 600WG Herbicide application. Clover vigour is often increased in the year following application where

seed banks are reasonable. The seed set of clover in the year of application of CropSure Comrade 600WG Herbicide will be significantly reduced particularly from the Winter- Spring application. This effect may impact on the clover seed bank therefore re-sowing may be necessary. Where clover seed banks are high resowing is not necessary. For pasture topping situations a combination of CropSure Comrade 600WG Herbicide plus glyphosate can be used, however the Crop Rotation recommendations should be observed. Refer to the Directions of Use section of each product for the appropriate rate and critical comments for the target weed spectrum.

**CROP SAFETY**

**DO NOT** use in winter cereal crops undersown with legume pasture species, e. g. medics, clovers.

**DO NOT** apply to wheat varieties King, Jacup, Milling and Harrier. Care should be taken if it is intended to apply CropSure Comrade 600WG Herbicide in the same season to a crop already

treated with another sulfonylurea herbicide as crop damage may occur. Consult your local agronomist or CropSure Pty Ltd representative.

**DO NOT** apply other sulfonylurea herbicides in a tank mix with CropSure Comrade 600WG Herbicide as a pre-plant 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 any 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.

## SPRAY PREPARATION

CropSure Comrade 600WG Herbicide is a dry flowable formulation to be mixed with water and applied as a spray. Partially fill the spray tank with water. Using the CropSure Comrade 600WG Herbicide measuring cone provided, measure the amount of CropSure Comrade 600WG Herbicide required for the area to be sprayed. Add the correct amount of CropSure Comrade 600WG Herbicide 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. When prepared spray solution has been allowed to stand, thoroughly re-agitate before using. In tank mixes CropSure Comrade 600WG Herbicide must be in suspension before adding the companion herbicide or surfactant. For application of CropSure Comrade 600WG Herbicide in liquid fertilizer, slurry the CropSure Comrade 600WG Herbicide in water then thoroughly mix the slurry into the liquid fertiliser. Check compatibility before mixing CropSure Comrade 600WG Herbicide in fertilizer solutions. DO NOT add a surfactant/wetting agent.

## COMPATIBILITY

CropSure Comrade 600WG Herbicide is compatible with the commonly used broadleaf herbicides MCPA/Terbutryn, Bromoxynil MCPA, Dicamba 500, Flumetsulam, Eclipse, Diuron (liquid Flowable and 900DF), Terbutryn 500, Jaguar\*, CropSure Cloptrel 750SG Herbicide, LVE MCPA, MCPA 500, Metribuzin, Starane\*, Nugrex/Tigrex\*, , Tordon\*75-D, Trooper 242, CropSure Amigo 625 Herbicide and non-selective glyphosate herbicides. CropSure Comrade 600WG Herbicide is compatible with the commonly used insecticides chlorpyrifos and omethoate. Some increased temporary crop yellowing may occur when CropSure Comrade 600WG Herbicide is applied as a tank mix with these insecticides. To extend the weed range, add MCPA 500g/L, CropSure Amigo 625 Herbicide, Diuron (Flowable and DF) and Terbutryn at label rates (Vic. only). The compatibility of CropSure Comrade 600WG Herbicide with grass herbicides varies between products and weed species (refer following table). DO NOT mix CropSure Comrade 600WG Herbicide with Achieve and Mataven 90.

CropSure Comrade 600WG Herbicide Plus	Biological Compatibility		
	Wild Oats	Annual Ryegrass	Phalaris
<b>Puma<sup>1</sup></b>	<b>Yes</b>	-	<b>No</b>
<b>Diclofop-Methyl</b>	Refer to notes on CropSure Comrade 600WG Herbicide/	Refer to notes on CropSure Comrade 600WG Herbicide /	-
<b>Tristar* Advance</b>	Diclofop Methyl based products or CropSure Comrade 600WG Herbicide / Tristar mixtures	Diclofop Methyl based products or CropSure Comrade 600WG Herbicide / Tristar mixtures	<b>No</b>
<b>Achieve</b>	<b>No</b>	<b>No</b>	<b>No</b>
<b>Mataven * 90</b>	<b>No</b>	-	-

**DO NOT mix CropSure Comrade 600WG Herbicide with Achieve and Mataven 90.**



**NOTES ON CropSure Comrade 600WG Herbicide /DICLOFOP METHYL BASED PRODUCTS OR CropSure Comrade 600WG Herbicide /TRISTAR MIXTURES.**

- CropSure Comrade 600WG Herbicide and diclofop methyl based products or Tristar Advance can be tank mixed, but when this mixture is used, some reduction in grass weed control can be expected.
- For heavy infestation of grass weeds, control may be inadequate - Vic. and Tas. only.
- Significant reduction in grass weed control should be expected - SA only.
- CropSure Comrade 600WG Herbicide and diclofop methyl based products or Tristar Advance are not a recommended mixture because they result in significant reduction in grass weed control and/or crop damage - WA only.
- Consult company representatives for further information or advice.

**USE OF SURFACTANT/WETTING AGENT****Instructions specific for cereals:**

Always add a non-ionic surfactant (1000 g. ac/L) at 100mL/100L of final spray volume (0.1% volume/volume). The use of spraying oils is not recommended.

**Note:** Do not add a surfactant/wetting agent when CropSure Comrade 600WG Herbicide is tank mixed with Terbutryn 500g/L SC or Diuron (Flowable and DF).

**Instructions specific for brush and herbaceous weed control:**

If a specific surfactant/wetting agent is not listed in the Directions for Use table, or when mixing glyphosate use a non-ionic surfactant (1000 g. ac/L) at 100mL/100L of final spray volume (ie 0.1% volume/volume). When an organosilicone penetrant (CropSure Heartbeat Penetrant) is recommended in the Directions for Use table and with all gasgun applications, use 10mL/5L or 200mL/100L of final spray volume (ie 0.2% volume/volume). When a mineral spray oil (e.g. Caltex Sprayplus\*) is recommended in the Directions for Use table, use 1L/100L of final spray volume (ie 1% volume/volume).

**Instructions specific for treatment of pasture and pasture renovation:**

Always add a non-ionic surfactant a (1000 g. ac/L) e.g. Wetter 1000 at 200mL/100L of final spray volume (0.2% volume/volume).

**BOOM SPRAY APPLICATION**

Use a boom spray properly calibrated to a constant speed and rate of delivery to ensure thorough coverage and a uniform spray pattern. Adjust boom height to ensure correct spray overlap. Avoid spraying where drift can go onto crops, are likely to be planted to crops and non target pastures as injury may occur. Avoid overlapping and shut off spray booms while starting, turning, slowing or stopping as injury to the crop may result.

**Cereals:** Apply a minimum of 50L prepared spray/ha.

**Pasture:** Apply a minimum of 70L prepared spray/ha.

**Other use patterns:** Apply in a minimum of 150L prepared spray/ha. Increase to 200L prepared spray/ha or more in dense stands.

## AERIAL APPLICATION

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. Apply in a minimum of 20L/ha water. Application in a higher water volume of 30L/ha will improve the reliability of weed efficacy.

### Other use patterns: – helicopter only

Apply in a minimum of 100L per ha on Blackberries or 60L per ha on *Mimosa pigra* and up to 200L 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.

## HANDGUN APPLICATION

### Pastures and Other use patterns

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 largest bushes. 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 - 1.2m high

Size No. 7 or 8 spray nozzle: large bushes 2-3m 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

### Pastures and Other use patterns

Apply to ensure good coverage of all foliage is achieved. The use of a suitable marker dye is recommended. eg A “Spray Marker Dye”.

## SPRAYER CLEAN-UP

Immediately after spraying thoroughly remove all traces of CropSure Comrade 600WG Herbicide 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 300mL household chlorine bleach (containing 4% chlorine) per 100L of water. Flush through boom and hoses then allow to stand for 15 minutes with agitation engaged, then drain.
3. Repeat step 2.
4. Nozzle 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.



**RESISTANT WEEDS WARNING**

<b>GROUP</b>	<b>2</b>	<b>HERBICIDE</b>
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CropSure Comrade 600WG Herbicide is a member of the Sulfonylureas group of herbicides. CropSure Comrade 600WG Herbicide has the inhibitors of acetolactate synthase mode of action. For weed resistance management CropSure Comrade 600WG Herbicide is a Group 2 herbicide. Some naturally-occurring weed biotypes resistant to CropSure Comrade 600WG 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 CropSure Comrade 600WG Herbicide or other Group 2 herbicides. Some populations of Annual Ryegrass and a few broadleaf weeds are already known to be resistant to CropSure Comrade 600WG Herbicide and other ALS inhibitor herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, CropSure Pty Ltd accepts no liability for any losses that may result from the failure of CropSure Comrade 600WG Herbicide to control resistant weeds.

To prevent, or at least minimise the risk of resistant weeds occurring, use CropSure Comrade 600WG Herbicide in tank mixes (if appropriate) and/or rotations with herbicides having different modes of action effective on the same weed species. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be taken to prevent seed set of these survivors.

**DO NOT** apply CropSure Comrade 600WG Herbicide alone for fallow and preplant knockdown weed control.

**DO NOT** make more than one application of an ALS inhibitor herbicide to a crop, either preplant, incorporated-by-sowing or post crop and weed emergence. If the user suspects that an ALS inhibitor resistant weed is present, CropSure Comrade 600WG Herbicide or other ALS inhibitor herbicides should not be used. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries, or local CropSure Pty Ltd representative.

**CROP ROTATION RECOMMENDATIONS**

The use of CropSure Comrade 600WG Herbicide may prevent early re-establishment of legumes and grasses after treatment. The period that residues persist in the soil will vary according to site conditions such as climate, soil pH, presence of soil micro-organisms, soil temperature, soil moisture and the rate used. Breakdown is fastest in warm wet acid soil and slower in cold dry alkaline soils. Land previously treated with CropSure Comrade 600WG Herbicide should not be rotated to crops other than those listed in the table following. Tolerance of other crops (grown through to maturity) should be determined on a small scale before sowing into larger areas. The CropSure Comrade 600WG Herbicide 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 Faba Beans Linseed Lucerne Lupins Medics** Oats	Japanese Millet Maize Panorama Millet White French Millet Sorghum Soybeans

			Peas Canola Safflower Subterranean** Clover	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.			

\*\* Involves natural regeneration of subterranean clover and medics.

The CropSure Comrade 600WG Herbicide treated area may be replanted to any of the specified pasture species after the interval indicated in the following table:

Soil pH*	Pasture Species	Rate g/ha	Minimum Rainfall	Minimum Recrop Interval
5.5 and below	Sub Clover <sup>(a)</sup> and Haifa White Clover	5	150mm	12 weeks
		10		20 weeks
		15		20 weeks
	Cocksfoot spp. and Phalaris spp.	5		8 weeks
		10		8 weeks
		15		16 weeks
	Perennial Ryegrass spp. and Fescue spp.	5	100mm	16 weeks
		10		16 weeks
		15	150mm	20 weeks
5.6 - 6.5	Sub Clover(a), Haifa White Clover, Perennial Ryegrass spp. and Fescue spp.	Bioassay <sup>(b)</sup>		
	Cocksfoot spp. and Phalaris spp.	5, 10	175mm	12 weeks
15		Bioassay <sup>(b)</sup>		
6.6 and above	Bioassay <sup>(b)</sup>			

(a) Varieties: Junee, Karridale, Seaton Park and Trikkala.

(b) Tolerance of pasture species 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.

For rates higher than 15 g/ha the following applies:

- For soils with a pH below 7 (1:5 soil: water method) a minimum period of 12 months should elapse before oversowing treated areas with grasses or legumes. It is suggested that small areas be oversown 1 – 2 months prior to the planned time for sowing to check for possible harmful residues.
- For soils with a pH greater than 7 or if planting any other crop, DO NOT replant without first consulting the local CropSure Pty Ltd representative.

**CAUTION: DO NOT** use chlorine bleach with ammonia. All traces of liquid fertilizer 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 an enclosed area.

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

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 LIVESTOCK**

A nil withholding period is applicable for CropSure Comrade 600WG Herbicide. It is recommended, however, not to graze treated areas for 2 to 3 days to ensure product efficacy.

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

DO NOT contaminate streams, rivers or waterways with the chemicals 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, out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemical on site.

If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

**SAFETY DIRECTIONS**

Harmful if swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin.

When opening the container and preparing the solution wear elbow-length PVC gloves and goggles. If applying by hand wear cotton overalls, over normal clothing, buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and goggles and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone: Australia 13 11 26. New Zealand 0800 764 766.

**SAFETY DATA SHEET (SDS)**

For further information refer to the Safety Data Sheet (SDS), which is available from the supplier.

**CONDITIONS OF SALE**

CropSure Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise, whatsoever or whosoever arising whether through negligence or otherwise, in connection with the sale, supply, use or application of this product, except for any provisions or rights under the Australian Consumer Law which cannot be excluded. The supply of this product is on the express condition that the purchaser does not rely on CropSure Pty Ltd skill of judgement in the purchasing or using the same and every person using this product does so at their own risk absolutely. The Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions. This product is designed to be only used according with the label directions.

\* ***Other registered trademarks***

IN A TRANSPORT EMERGENCY

**DIAL 000**

POLICE OR FIRE BRIGADE