

POISON

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

TITAN

FLUAZIFOP 212

POST-EMERGENCE SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 212 g/L FLUAZIFOP-P present as the BUTYL ESTER
SOLVENT: 703 g/L HYDROCARBON SOLVENT

GROUP **1** HERBICIDE

For the control of certain grasses in crops as indicated in the
Directions For Use.

APVMA Approval No.: 88901/122801

Pack Size: 1L; 10L; 5L; 20L



C R O P P R O T E C T I O N

TITAN AG Pty Ltd | ABN 57 122 081 574
15/16 Princes Street, Newport NSW 2106
Tel (02) 9999 6655 | titanag.com.au

IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN
DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL

DIRECTIONS FOR USE

Restraints: DO NOT treat weeds that are not actively growing or are growing under stress. Under such conditions the biological process of the weeds slow down and TITAN Fluazifop 212 Post-emergence Selective Herbicide transport in the weed can be drastically reduced, resulting in an incomplete kill or suppression only of the weeds.
DO NOT allow annual grass weeds to reach the late tillering stage before application.
DO NOT apply at flowering stage of weeds.
DO NOT apply under conditions of high temperature, low humidity or where weeds are drought stressed.

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	WITHHOLDING PERIOD		CRITICAL COMMENTS
					Harvest	Grazing	
Lupins	Annual Phalaris, Annual Ryegrass, Barley Grass, Brome Grasses, Volunteer Cereals, Wild Oats	Growing actively at 2-5 leaf stage before tillering commences	250mL [#]	ALL STATES	17 weeks	7 weeks	Apply in not less than 50L/ha. Use the higher rate in dense weed populations or under less than ideal weather conditions.
		Growing actively at 5 leaf to early tillering	500mL [#]				
Canola, Linseed	Annual Phalaris, Annual Ryegrass, Barley Grass, Volunteer Cereals, Wild Oats	Growing actively at 2-5 leaf stage before tillering commences	250mL [#]		17 weeks	21 days	Apply in not less than 50L/ha. Use the 500mL rate in dense weed populations or under less than ideal weather conditions.
Faba Beans					5 weeks	7 weeks	
Field Peas, Chickpeas	Brome Grasses		300mL [#]		7 weeks	7 weeks	
Barrel Medic, Pastures, Snail Medic, Subterranean Clover, Vetches (<i>Vicia</i> spp.), White Clover	Annual Phalaris, Annual Ryegrass, Barley Grass, Brome Grasses, Volunteer Cereals, Wild Oats	Growing actively at 5 leaf to early tillering	500mL [#]		–	21 days	Canola: DO NOT apply to the crop beyond the 6 leaf stage. Volunteer Cereals: DO NOT apply once weed has reached the jointing stage.
Pigeon Peas	Barnyard Grass, Crowsfoot Grass, Johnson Grass (seedling) Liverseed Grass, <i>Panicum</i> spp., Rhodes Grass, Stinkgrass, Summer Grass (Crab Grass), Wild Oats	Growing actively at 3-5 leaf stage before tillering commences	500mL [*]	QLD, NT only	17 weeks	7 weeks	Follow-up spraying will be necessary if new germinations occur.
	As above plus Innocent Weed	Growing actively at 5 leaf to early tillering	750mL [*]				As above. Apply in not less than 100L/ha. Use higher water volumes if weeds are dense.
	Plants of: Carpet Grass, Couch Grass, Kikuyu Grass, Paspalum, Water Couch, re-established from seed or fragmented stems	Growing actively with 3-6 leaves per shoot, less than 2 months old & establishing from seed or fragmented stems	750mL [*]				Apply in not less than 100L/ha. Use higher water volumes if weeds are dense.
		Beyond the 6 leaf stage	1L [*]				
	Foxtail Seedlings (<i>Setaria</i> spp.), Pigeon Grass	Growing actively at 3-5 leaf stage before tillering commences					Suppression only beyond the 5 leaf stage.
Lucerne (seedling & established)	Annual (Wimmera) Ryegrass, Barley Grass, Barnyard Grass, Brome Grasses, Crowsfoot Grass, Johnson Grass (seedling), Liverseed Grass, Rhodes Grass, Stinkgrass, Summer Grass (Crab Grass), Wild Oats	Growing actively at 3-5 leaf stage before tillering commences	500mL [*]	ALL STATES	–	6 weeks	Apply in not less than 100L/ha. Apply when Lucerne is past the 2-3 trifoliate leaf stage. These rates will only control Couch Grass seedlings and Johnson Grass seedlings, which are less than 2 months old and established from seed.
		Growing actively at 5 leaf to early tillering	1L [*]				
	Innocent Weed and seedlings of Couch Grass, English Couch (Rope Twitch), Water Couch	Growing actively at 3-5 leaf stage before tillering commences	750mL [*]				

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	WITHHOLDING PERIOD		CRITICAL COMMENTS
					Harvest	Grazing	
Forage Crops & Seed Crops Axillaris, Bargoo Jointvetch, Creeping Vigna, Glen Jointvetch, Greenleaf Desmodium, Kenya White Clover, Lotus, Pinto Peanut, Shrubby Stylo, Silverleaf Desmodium, Wynn Cassia	Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Summer Grass (Crab Grass), Stinkgrass, Rhodes Grass	Growing actively at 3-5 leaf stage before tillering commences	500mL*	QLD only	—	7 weeks	Apply as a post-emergent application at least 3 weeks after sowing (crop seedlings with a minimum of 2-6 true leaves). Some initial chlorotic mottling of leaves may occur at high application rates in some crops.
	As above plus Giant Paspalum (seedling), Green Panic (seedling)	Growing actively at 5 leaf to early tillering	1L*				
	Plants of Carpet Grass, Couch Grass, Water Couch, Johnson, Grass, Paspalum, Giant Paspalum & Kikuyu Grass, re-established from seed or fragmented stems	Young vegetative growth with 3-6 leaves per shoot	2L*				
Soybeans	Barnyard Grass, Crowsfoot Grass, Johnson Grass (seedling), Liverseed Grass, Summer Grass (Crab Grass), Stinkgrass, <i>Panicum</i> spp., Rhodes Grass, Wild Oats	Growing actively at 3-5 leaf stage before tillering commences	500mL*	QLD, NSW, VIC, NT only	17 weeks	7 weeks	Follow-up spraying may be necessary if new germinations occur.
	As above plus Innocent Weed	Growing actively at 5 leaf to early tillering	750mL*				As above. Apply in not less than 100L/ha. Use higher water volumes if weeds are dense.
	Plants of Carpet Grass, Couch Grass, Kikuyu Grass, Paspalum, Water Couch, re-established from seed or fragmented stems	Growing actively with 3-6 leaves per shoot, less than 2 months old & establishing from seed or fragmented stems	1L*				Apply in not less than 100L/ha. Use higher water volumes if weeds are dense.
		Beyond the 6 leaf stage					
	Pigeon Grass seedling (<i>Setaria</i> spp.)	Growing actively at 3-5 leaf stage before tillering commences					Suppression only beyond the 5 leaf stage.
Blueberries	Barnyard Grass, Crowsfoot Grass, Stinkgrass, Urochloa Grass	Growing actively at 3-5 leaf stage before tillering commences	750mL	QLD only	4 weeks	—	Apply in not less than 100L/ha. Use higher water volumes if weeds are dense.
	Plants of Carpet Grass, Couch Grass, Johnson Grass, Kikuyu & Paspalum re-established from seed or fragmented rhizomes	Growing actively at 5 leaf to early tillering	1L*				
	Established plants of Carpet Grass, Couch Grass, Johnson Grass, Kikuyu, Paspalum	Growing actively and have 3-6 leaves per shoot	2 or 4L				Apply in not less than 100L/ha. Use higher water volumes if weeds are dense. Use higher rates for well-established infestations where greater control is required in one season.
Blackcurrants	Annual (Wimmera) Ryegrass, Barley Grass, Brome Grasses, Barnyard Grass, Crowsfoot Grass, Summer Grass (Crab Grass), Wild Oats	Growing actively at 3-5 leaf stage before tillering commences	500mL*	VIC, TAS only	4 weeks	—	For Blackcurrants apply in not less than 100L/ha.
Hops	Annual (Wimmera) Ryegrass, Barley Grass, Brome Grasses, Barnyard Grass, Crowsfoot Grass, Summer Grass (Crab Grass), Wild Oats	Growing actively at 5 leaf to early tillering	1L*	VIC, TAS only	10 weeks	—	
	Pigeon Grass & Foxtail (Tas) seedlings (<i>Setaria</i> spp.)	Growing actively at 3-5 leaf stage before tillering commences					Suppression only beyond the 5 leaf stage.
	Established plants of Bent Grass, Couch Grass, English couch (Rope Twitch), Kikuyu, Paspalum, Water Couch	Young growth (3-6 leaves per shoot) when growing actively	2 or 4L*				Apply in not less than 200L/ha. Use the higher rate for well-established infestations or when greater control is required in one season.

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	WITHHOLDING PERIOD		CRITICAL COMMENTS
					Harvest	Grazing	
Broad Beans, Broccoli, Brussels Sprouts, Cabbage, Capsicums, Carrots, Cauliflower, Celery, Green Beans, Lettuce, Tomatoes	Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Stinkgrass	Growing actively at 3-5 leaf stage before tillering commences	500mL	ALL STATES	5 weeks 6 weeks 6 weeks 6 weeks	7 weeks – – –	Apply in not less than 100L/ha.
	Annual (Wimmera) Ryegrass, Annual Phalaris, Barley Grass, Brome Grasses, Johnson Grass (seedling), <i>Panicum</i> spp., Paspalum, Volunteer Cereals, Wild Oats	Growing actively at 5 leaf to early tillering	1L		11 weeks 7 weeks 6 weeks 8 weeks 5 weeks 4 weeks	– – – – 7 weeks –	Apply in not less than 200L/ha.
	Green Summer Grass			QLD, NSW, TAS, WA only	4 weeks	–	
Peas (including freezer peas)	Seedlings of Couch Grass, English Couch (Rope Twitch), Innocent Weed, Summer Grass (Crab Grass), Water Couch	Growing actively at 3-5 leaf stage before tillering commences	750mL	NSW, VIC, TAS, SA, WA only	7 weeks	7 weeks	These rates will only control perennial grass weed seedlings, which are less than 2 months old and are establishing from seed.
Peanuts	Volunteer Cereals		750mL *	QLD, NT only	6 weeks	6 weeks	Follow-up sprayings may be necessary if new germinations occur.
		Growing actively at 5 leaf to early tillering	1L *				Apply in not less than 100L/ha. Use the higher water volumes if weeds are dense. Follow-up sprayings may be necessary if new germinations occur.
Peanuts, Navy Beans, Cotton	Barnyard Grass, Crowsfoot Grass, Innocent Weed, Johnson Grass Liverseed Grass, <i>Panicum</i> spp., Rhodes Grass, Stinkgrass, Summer Grass (Crab Grass), Wild Oats	Growing actively at 3-5 leaf stage before tillering commences	750mL *	QLD, NSW, NT only	6 weeks 5 weeks 14 weeks	6 weeks 7 weeks –	Follow-up sprayings may be necessary if new germinations occur.
Sunflowers	Summer Grass (Crab Grass), Wild Oats	Growing actively at 5 leaf to early tillering	1L *	ALL STATES	14 weeks	14 weeks	As above. Apply in not less than 100L/ha. Use the higher water volumes if weeds are dense.
	Plants of Carpet Grass, Couch Grass, Kikuyu Grass, Paspalum, Water Couch, re-established from seed or fragmented stems	Growing actively with 3-6 leaves per shoot, less than 2 months old & establishing from seed or fragmented stems	750mL *				Apply in not less than 100L/ha. Use the higher water volumes if weeds are dense.
	Pigeon Grass & Foxtail (TAS) seedlings (<i>Setaria</i> spp.)	Growing actively at 3-5 leaf stage	1L *				Suppression only beyond the 5 leaf stage.
Leucaena	Seedlings of perennial grasses only	–		QLD only	17 weeks	7 weeks	Does not control Blady Grass (<i>Imperata cylindrica</i>). Repeat spray may be necessary if grasses are more advanced.
	Or pasture seedlings re-growing from seed or fragmented stems		2L *				
Apples, Pears, Grapes, Stonefruit, Citrus	Annual (Wimmera) Ryegrass, Barley Grass, Barnyard Grass, Brome Grasses, Crowsfoot Grass, Johnson Grass, Liverseed Grass, Prairie Grass, Summer Grass (Crab Grass), Wild Oats	Growing actively at 5 leaf to early tillering	1L *	ALL STATES	– – 4 weeks – –	– – – – –	Apply in not less than 200L/ha. Direct the spray to the base of the tree/vine. Crop Safety: Stonefruit, especially Peaches and Nectarines: Apply as a directed spray avoiding contact of spray with foliage of trees. DO NOT spray over the top of young trees. Suppression only beyond the 5 leaf stage.
	Innocent Weed, Stinkgrass		1.5L *				
	Foxtail (Tas) seedlings (<i>Setaria</i> spp.), Pigeon Grass	Growing actively at the 3-5 leaf stage only					
	Established plants of Bent Grass, Couch Grass, English Couch (Rope Twitch), Water Couch, Johnson Grass, Kikuyu Grass, Paspalum	Young vegetative growth (3-6 leaves per shoot) when growing actively	2 or 4L *				As above. Use the higher rate for well-established infestations or when greater control is required in one season.

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	WITHHOLDING PERIOD		CRITICAL COMMENTS	
					Harvest	Grazing		
Avocados, Bananas, Custard Apples, Kiwifruit, Lychee, Mangoes, Passionfruit, Pawpaw, Persimmons	Barnyard Grass, Crowsfoot Grass, Giant Paspalum (seedling), Green Panic (seedling), Johnson Grass, Para Grass, Prairie Grass, Rhodes Grass, Stinkgrass, Summer Grass (Crab Grass)	Growing actively seedlings at 5 leaf to early tillering	1L*	QLD, NSW, WA, NT only	– – 14 days 14 days 14 days 14 days 14 days 14 days	– – – – – – – –	Apply in not less than 200L/ha. Direct the spray to the base of the tree/vine. Repeat spray may be necessary if grasses are more advanced.	
Akee, Black Sapote, Breadfruit – Caimito (Star Apple), Canistel, Casimoroa (White Sapote), Cherimoya, Durian, Feijoa, Granadilla, Guava, Jackfruit, Longan, Mamey, Mammee Apple, Mangostein, Plantain, Pomegranate, Prickly Pear (Cactus Fruit), Rambutan, Santol, Sapodilla, Sapote, Soursop, Sweetsop, Yellow Mombin	Established plants of Carpet Grass, Couch Grass, Giant Paspalum, Guinea Grass, Johnson Grass, Kikuyu Grass, Para Grass, Paspalum	Young vegetative growth (3-6 leaves per shoot) when growing actively	2 or 4L*	QLD, WA, NT only	14 days	–	As above. Use the higher rate for well-established infestations or when greater control is required in one season.	
Onions	Annual (Wimmera) Ryegrass, Barley Grass, Barnyard Grass, Brome Grasses, Crowsfoot Grass, Johnson Grass (seedling), Liverseed Grass, Volunteer Cereals, Wild Oats	Growing actively at the 3-5 leaf stage before tillering commences	500mL*	ALL STATES	5 weeks	–	Apply in not less than 100L/ha.	These rates will only control Couch & Johnson Grass seedlings, which are less than 2 months old and are establishing from seed. Suppression only for Pigeon Grass & Foxtail (TAS) seedlings beyond the 5-leaf stage.
	Innocent Weed, Stinkgrass Summer Grass (Crab Grass) Seedlings of: Couch Grass, English Couch (Rope Twitch), Water Couch		750mL*					
	Foxtail (TAS) seedlings (<i>Setaria</i> spp.), Pigeon Grass		1.5L*					
	Annual (Wimmera) Ryegrass, Barley Grass, Barnyard Grass, Brome Grasses, Crowsfoot Grass, Innocent Weed, Liverseed Grass, Summer Grass (Crab Grass), Wild Oats Seedlings of: Couch Grass, English Couch (Rope Twitch), Johnson Grass, Water Couch	Growing actively seedlings at 5 leaf to early tillering					Apply in not less than 200L/ha.	
Potatoes (15cm or less in height)	Annual (Wimmera) Ryegrass, Annual Phalaris, Barley Grass, Barnyard Grass, Brome Grasses, Crowsfoot Grass, Liverseed Grass, Stinkgrass, Summer Grass (Crab Grass), Volunteer Cereals, Wild Oats Seedlings of: Couch Grass, English Couch (Rope Twitch), Johnson Grass, Water Couch	Growing actively at the 3-5 leaf stage before tillering commences	500mL*	ALL STATES	10 weeks	–	Apply in not less than 100L/ha.	These rates will only control perennial grass seedlings, which are less than 2 months old and are establishing from seed or fragmenting stems.
		Growing actively seedlings at 5 leaf to early tillering	1L*					
	Plants of Bent Grass, Couch Grass, English Couch (Rope Twitch), Johnson Grass, Kikuyu Grass, Paspalum, Water Couch, re-established from seed or fragmented stems	Growing actively at the 3-6 leaves per shoot	2L*				Apply in not less than 200L/ha. Use the higher water volumes if weed growth is dense or where crop is shielding weeds.	

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	WITHHOLDING PERIOD		CRITICAL COMMENTS		
					Harvest	Grazing			
Cucurbits: Cucumber, Rockmelon, Gherkin, Honeydew Melon, Pumpkin, Squash, Watermelon, Zucchini	Annual (Wimmera) Ryegrass, Barley Grass, Barnyard Grass, Brome Grasses, Crowsfoot Grass, Guinea Grass, Liverseed Grass, Stinkgrass, Summer Grass (Crab Grass), Volunteer Cereals, Wild Oats Seedlings of: Couch Grass, English Couch (Rope Twitch), Johnson Grass, Water Couch	Growing actively at the 3-5 leaf stage before tillering commences Growing actively seedlings at 5 leaf to early tillering	500mL 1L	ALL STATES	21 days 5 weeks 21 days 5 weeks 5 weeks 21 days 5 weeks 21 days	—	DO NOT apply before the 5 true leaf stage of the crop. DO NOT apply in water volumes higher than 200L/ha. These rates will only control Couch, Johnson Grass & Paspalum seedlings that are less than 2 months old and are establishing from seed.		
Strawberries	Annual (Wimmera) Ryegrass, Annual Phalaris, Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Stinkgrass, Summer Grass (Crab Grass), Volunteer Cereals, Wild Oats Seedlings of: Couch Grass, English Couch (Rope Twitch), Johnson Grass, Paspalum, Water Couch	Growing actively at the 3-5 leaf stage before tillering commences	500mL*	ALL STATES	4 weeks	—	Apply in not less than 100L/ha.	These rates will only control Couch, Johnson Grass & Paspalum seedlings that are less than 2 months old and are establishing from seed.	
		Growing actively seedlings at 5 leaf to early tillering	1L*				Apply in not less than 200L/ha.		
Pineapples	Barnyard Grass, Crowsfoot Grass, Liverseed Grass, Rhodes Grass, Stinkgrass, Summer Grass (Crab Grass)	Growing actively at the 3-5 leaf stage before tillering commences	500mL*	QLD, NT only	14 days	—			
	As above plus seedlings of Giant Paspalum, Green Panic	Growing actively seedlings at 5 leaf to early tillering	1L*				Repeat spray may be necessary if grasses are more advanced.		
	Plants of Carpet Grass, Couch Grass, Giant Paspalum, Johnson Grass, Kikuyu Grass, Paspalum, Water Couch, re-established from seed or fragmented stems	Young vegetative growth with 3-6 leaves per shoot	2L*				As above. Apply in 100-500L/ha. For spot spraying rates see separate sections.		
Potted & open grown ornamental shrubs & trees in: roadside, farm & fenceline plantings, nurseries, parks & gardens	Annual (Wimmera) Ryegrass, Annual Phalaris, Barley Grass, Barnyard Grass, Brome Grasses, Crowsfoot Grass, Guinea Grass, Liverseed Grass, Stinkgrass, Summer Grass (Crab Grass), volunteer cereals, Wild Oats Seedlings of: Couch Grass, English Couch (Rope Twitch), Johnson Grass, Paspalum, Water Couch	Growing actively seedlings at 5 leaf to early tillering	750mL or 1L	ALL STATES	—	—	Use the higher rates for more established weed infestations.	DO NOT apply over the tops of <i>Protea</i> , <i>Mesembryanthemum</i> , <i>Browallia</i> & <i>Verbena</i> species, apply only as directed sprays.	
	Established plants of Bent Grass, Couch Grass, English Couch (Rope Twitch), Johnson Grass, Kentucky Blue Grass, Kikuyu Grass, Paspalum, Water Couch	Growing actively	2 or 4L				Use the higher rates for well-established weed infestations or where greater control is required in one season. Apply in not less than 200L/ha.		

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/ha	STATE	WITHHOLDING PERIOD		CRITICAL COMMENTS
					Harvest	Grazing	
Plantations of <i>Pinus caribaea</i> (Caribbean Pine), <i>Pinus elliotti</i> (Slash Pine), <i>Araucaria cunninghamii</i> (Hoop Pine)	Barnyard Grass, Crowsfoot Grass, Stinkgrass, Urochloa Grass	Growing actively at the 3-5 leaf stage before tillering commences	750mL*	QLD only	–	18 months	Apply using sprinkler sprayers in 50L/ha. Use subject to Queensland Forest Service Code of Practice.
	Plants of Carpet Grass, Couch Grass, Johnson Grass, Kikuyu Grass, Paspalum re-established from seeds or germinated rhizomes	Growing actively seedlings at 5 leaf to early tillering	1L*				
	Established plants of Carpet Grass, Couch Grass, Johnson Grass, Kikuyu Grass, Paspalum	Growing actively & have 3-6 leaves per shoot	2 or 4L*				
Bushland	Veldt Grass	Growing actively & unstressed	2 to 4L	WA only	–	–	Use the higher rate in dense undergrowth or on older less vigorous weeds. Where Veldt Grass is dense, 250L water per ha should be applied.
Tea-Trees (<i>Melaleuca alternifolia</i>)	Annual grasses (except <i>Poa annua</i> & <i>Vulpia</i> spp.)	Apply to actively growing weeds	1 to 2L	NSW only	–	–	Use the higher rate where grasses fully tillered.
Oilseed Poppies	Annual Ryegrass, Barley Grass, Brome Grass, Summer Grass (Crab Grass), volunteer cereals, Wild Oats	Growing actively at the 3-5 leaf stage before tillering commences	500mL*	TAS only	12 weeks	–	Apply in 100-200L/ha. DO NOT tank mix with TITAN Diquat 200 Non-Residual Herbicide as severe crop injury may occur. Annual Ryegrass re-growth may occur if sprayed beyond the early tillering stage.
Duboisia	Established plants of Couch Grass, Johnson Grass, Kikuyu Grass, Paspalum, Water Couch	Young vegetative growth (3-6 leaves per shoot) when growing actively	2L*	QLD only	–	–	Apply in not less than 200L/ha. Direct the spray towards the ground under the tree canopy.

SPOT SPRAYING

CROP	WEEDS CONTROLLED	WEED STAGE	RATE/10L	STATES	CRITICAL COMMENT
Apples, Broad Beans, Broccoli, Brussels Sprouts, Blackcurrants, Blueberries, all Cucurbits, Cabbage, Cauliflower, Capsicums, Carrots, Celery, Grapes, Green Beans, Hops, Lucerne, Lettuce, Onions, Pears, Potted & open grown ornamental shrubs & trees, Strawberries, Stonefruit, Tomatoes, Tropical fruit as per label	Annual (Wimmera) Ryegrass, Barley Grass, Barnyard Grass, Brome Grasses, Crowsfoot Grass, Wild Oats	Growing actively seedlings at 5 leaf to early tillering	12.5mL or 25mL	As for the main section of this label	Use the higher rate for more established weed infestations. Thoroughly wet target weeds. Always follow Critical Comments for specific crops.
	Perennial grass seedlings, including Bent Grass, Couch Grass, Green Summer Grass, Johnson Grass, Kikuyu Grass, Paspalum		50mL or 100mL		
	Established plants of perennial Grasses, Bent Grass, Carpet Grass, Couch Grass, English Couch (Rope Twitch), Giant Paspalum, Guinea Grass, Johnson Grass, Kikuyu Grass, Para Grass, Paspalum, Water Couch	Established & growing actively	25mL or 50mL		
	Plants of Bent Grass, Carpet Grass, Couch Grass, English Couch (Rope Twitch), Johnson Grass, Kikuyu Grass, Paspalum, Water Couch, re-established from seed or fragmented stems				

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

Note: TITAN Fluazifop 212 Post-emergence Selective Herbicide does NOT control Winter Grass (*Poa annua*), Silver Grass (*Vulpia bromoides*), Nutsedge (*Cyperus* spp.) and broadleaf weeds.

* Always add 200mL TITAN Wetter 1000 Wetting Agent per 100L of spray solution unless otherwise specified.

Where specified use 500mL TITAN Paraffinic Spraying Oil/100L, applying a minimum of 250mL of TITAN Paraffinic Spraying Oil per hectare.

WITHHOLDING PERIODS

Harvest

Custard Apples, Kiwi Fruit, Lychee, Mangoes, Passionfruit, Pawpaw, Persimmons, Pineapples: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
Cucumber, Gherkin, Squash, Zucchini: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.
Blueberries, Blackcurrants, Grapes, Lettuce, Strawberries, Tomatoes: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.
Cucurbits (Honeydew, Rock and Watermelon, Pumpkin), Onions, Broad Beans, Green Beans, Faba Beans, Navy Beans: DO NOT HARVEST FOR 5 WEEKS AFTER APPLICATION.
Brassicas (Brussels Sprouts, Cauliflower, Broccoli, Cabbage), Peanuts: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.
Chickpeas, Field Peas, Green Vegetable Peas, Carrots: DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION.
Celery: DO NOT HARVEST FOR 8 WEEKS AFTER APPLICATION.
Hops, Potatoes: DO NOT HARVEST FOR 10 WEEKS AFTER APPLICATION.
Capsicums: DO NOT HARVEST FOR 11 WEEKS AFTER APPLICATION.
Oilseed Poppies: DO NOT HARVEST FOR 12 WEEKS AFTER APPLICATION.
Cotton, Sunflowers: DO NOT HARVEST FOR 14 WEEKS AFTER APPLICATION.
Lupins, Canola, Soybeans, Pigeon Peas, Linseed, Leucaena: DO NOT HARVEST FOR 17 WEEKS AFTER APPLICATION.
Stonefruit, Pome Fruits, Citrus: NOT REQUIRED WHEN USED AS DIRECTED.

Grazing

Broad Beans, Forage Crops, Green Beans, Leucaena, Peas (Including Freezer Peas), Pulses (Chickpeas, Faba Beans, Field Peas, Lupins, Navy Beans, Pigeon Peas, Soybeans) Seed Crops: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 WEEKS AFTER TREATMENT OR REMOVE STOCK FROM TREATED AREA 7 DAYS BEFORE SLAUGHTER, WHICHEVER IS APPROPRIATE.
Canola, Clover, Linseed, Medics, Vetches: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 21 DAYS AFTER APPLICATION OR REMOVE STOCK FROM TREATED AREA 7 DAYS BEFORE SLAUGHTER, WHICHEVER IS APPROPRIATE.
Lucerne, Peanuts: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION OR REMOVE STOCK FROM TREATED AREA 7 DAYS BEFORE SLAUGHTER, WHICHEVER IS APPROPRIATE.
Sunflowers: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 WEEKS AFTER APPLICATION OR REMOVE STOCK FROM TREATED AREA 7 DAYS BEFORE SLAUGHTER, WHICHEVER IS APPROPRIATE.

LIVESTOCK DESTINED FOR EXPORT MARKETS: The grazing withholding period only applies to stock slaughtered for the domestic market. Some export markets apply different standards. To meet these standards, ensure that in addition to complying with the Grazing Withholding Period, the Export Slaughter Interval is observed before stock are sold or slaughtered.

EXPORT SLAUGHTER INTERVAL (ESI): AFTER OBSERVING THE GRAZING WITHHOLDING REQUIREMENTS, LIVESTOCK THAT HAS GRAZED OR BEEN FED TREATED CROPS SHOULD BE PLACED ON CLEAN FEED FOR 7 DAYS PRIOR TO SLAUGHTER.

GENERAL INSTRUCTIONS

TITAN Fluazifop 212 Post-emergence Selective Herbicide is rapidly absorbed by leaves and green stems (is rainfast within one hour) and translocated throughout the plant. It accumulates at growing points, both above ground and in the roots, rhizomes and stolons of grass weeds. Weed growth and hence competition with the crop stops within 48 hours. First symptoms are not evident for at least a week after application. Growing points turn brown and rot; shoot tips can be easily pulled out after 2-3 weeks. Young leaves turn yellow or redden soon after, but more mature leaves may remain green for extended periods. Weed control is usually complete 3-5 weeks after spraying. If treated area is to be grazed following application with TITAN Fluazifop 212 Post-emergence Selective Herbicide, allow 7 days to elapse before introducing stock to ensure maximum weed control.

MIXING

Add the required amount of product to the spray tank, which should be 50-75% full. The agitation system should be running during mixing and spraying. If agitation ceases and settlement occurs, agitate thoroughly before spraying.

APPLICATION

Time of Application: To obtain the maximum benefits of this product, weeds should be sprayed when young and actively growing. Grasses establishing from seed should be sprayed before tillering occurs. Higher rates will be necessary once tillering commences. For annual grass weeds, spraying must take place before the late tillering stage if a complete kill is desired.

Method of Application: Good spray coverage is essential for maximum results. Spray equipment must be checked and calibrated accurately prior to application.

Boom Spraying: Check height of boom above the target weeds to ensure the spray is evenly distributed and a double overlap pattern is obtained. When spraying grass weed targets, DO NOT apply unless spray droplets are not smaller than a MEDIUM spray droplet size category.

Broadacre use: Water volumes per hectare will depend on nozzle selection and should be in the range of 50-100L/ha. 110° fan nozzles are preferred for use with this product. Use higher volumes of spray to achieve full coverage of dense, vigorous weed infestations.

Band Spraying: Ensure sufficient coverage by using two nozzles (one either side of the plant row) when the crop is beyond the two-leaf stage.

Aerial Spraying: Flying height, pressure, nozzles size and positioning of the aircraft should be such to minimise spray drift. Avoid spraying in high winds or under temperature inversion conditions. Special care must be taken to avoid

drift onto adjacent crops such as Cereals, Maize or Sorghum. Apply in not less than 30L/ha.

Spot Spraying: On smaller areas use a knapsack sprayer suitably calibrated.

Cleaning Up: After use, clean equipment thoroughly and rinse several times prior to re-use.

COMPATIBILITY

This product is compatible with TITAN Wetter 1000 Wetting Agent, TITAN Paraffinic Spraying Oil, TITAN Clethodim 240 Herbicide, TITAN Clethodim 360 Herbicide, Imidan, TITAN Lambda-Cyhalothrin 250 CS Insecticide and TITAN Atlas 500 WG Aphicide. DO NOT tank mix with other pesticides without prior reference with TITAN AG Pty Ltd.

RESISTANT WEEDS WARNING

TITAN Fluazifop 212 Post-emergence Selective Herbicide is a member of the aryloxyphenoxypropionate group of herbicides. This product has the inhibition of acetyl-coA carboxylase mode of action. For weed resistance management the product is a Group 1 Herbicide. Some naturally occurring weed biotypes resistant to this product and other Group 1 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 this product or other Group 1 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

Stress Conditions: Moisture stress is a particular problem, whether caused by drought or short-term stresses, resulting from a combination of high temperatures and low humidity or by prior use of pre-emergence herbicides resulting in stunted root growth of weeds. An irrigation or an effective rainfall must occur immediately before or after spraying if these conditions exist. Other stress situations to avoid include frost, waterlogging and extended cold conditions. DO NOT spray if any stress conditions are present just prior to application.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment, which may cause spray to drift onto nearby susceptible plants/crops cropping lands or pasture. DO NOT plant Cereal crops for a period of 12 weeks after application.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Moderately hazardous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

GROUP **1** HERBICIDE



STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If 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 500mm 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

May irritate the eyes and skin. Avoid contact with eyes and skin. When preparing spray and using the product wear elbow-length PVC gloves and face shield. If product or spray on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Fluazifop 212 Post-emergence Selective Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit titanag.com.au

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

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Combustible liquid. Causes skin irritation. Suspected of damaging fertility or the unborn child. Toxic to aquatic life with long lasting effects. Precautionary Statements: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from flames and hot surfaces. No smoking. Wash hands thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. In case of fire: Use to extinguish: CO₂, powder or water spray. Collect spillage. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations.

