



For long term cost effective weed control you need....

ZOLIAR[®] DF

**Broad spectrum pre-emergent herbicide for
Grapes, Citrus, Pome Fruit, Stone fruit, Almonds and now Asparagus***

Broad Spectrum weed control

ZOLIAR is a broad-spectrum pre-emergent herbicide that controls a wide range of weeds in a range of crops. Indeed, ZOLIAR controls more problem broad-leaf weeds and grasses than any other pre-emergent herbicide, and is registered at a range of rates to suit the situation.

Weed control that lasts

ZOLIAR keeps on working, and once incorporated into the soil will remain active for up to six months to control weeds as they germinate.

Cost effective

With its long residual action, a single application of ZOLIAR can provide season-long weed control. This means a substantial saving in time and money when compared with the cost of a mechanical or knockdown herbicide program.

Better crops

The broad spectrum of weeds controlled by ZOLIAR means less competition for vital water and nutrients that can then be used by the plant to enhance crop yield and quality.

Long Incorporation Window

ZOLIAR has low volatility and good photostability, and hence a relatively long incorporation window. While early incorporation means that the product starts to work immediately, rainfall or irrigation up to 21 days after application will activate ZOLIAR.

Zoliar stays locked onto the soil

Once incorporated, it won't move from the top soil where weed seeds germinate. Zoliar resists leaching and moving in the soil profile.

More from ZOLIAR

Using ZOLIAR means fewer knockdown herbicide applications, saving time and reducing equipment and labour costs. In addition, fewer equipment passes mean less soil compaction. Application of ZOLIAR in early autumn will give winter weed control or in early to mid-spring will give full summer weed control.

ZOLIAR is a Group F herbicide, and can be used as an alternative to knockdown herbicides in managing the development of weed resistance.



Getting the best out of ZOLIAR

ZOLIAR should be applied early season to bare earth that is free of trash, and prior to weeds germinating. Soil should be moist and compact.

If small weeds are present, ZOLIAR should be applied in tank mix with a knockdown herbicide. Larger weeds should be controlled with a knockdown herbicide prior to the application of ZOLIAR.

Zoliar is compatible with most knock down and residual herbicides. Tank mixes with other residual herbicides can further enhance the weed spectrum controlled. Check the relevant labels before use.

Ensure that spraying equipment is correctly calibrated and in optimal condition.

DIRECTIONS FOR USE (READ THE LABEL BEFORE USE)

Crop	Weed	State	Rate /ha	WHP	Critical Comments
Cotton, Cotton Fallow	Nutgrass	Qld, NSW only			Soil moisture is critical for weed control. If rainfall has not occurred within 14 days, incorporate mechanically. If seasonal conditions are very cool and wet, delay planting cotton following ZOLIAR 800 DF applications until soil temperatures consistently exceed 16°C. Significant suppression (50 to 80% control) of Nutgrass is only achieved after 3 or more seasons of consecutive treatment with ZOLIAR 800 DF.
			2.8 kg		Light Soils: (such as sandy loam, loam, sandy clay loam soils) Use recommended rate in all years of a ZOLIAR 800 DF program.
			2.8 to 4.2 kg		Heavy Soils: (such as silty clay loam, clay loam, clay soils) Use these rates for the first year only of a ZOLIAR 800 DF program. Use the higher rate for heavier infestations of Nutgrass.
			2.8 to 3.5 kg		Heavy Soils: Use these recommended rates for the second and subsequent years of a ZOLIAR 800 DF program. Use the higher rate for heavier infestations of Nutgrass.
	Crowsfoot Grass, Redshank Amaranth ⁺		2.3 kg		*Suppression only.
	Barnyard Grass, Black Pigweed ⁺		2.3 to 2.8 kg		In the first year of a ZOLIAR 800 DF program, an additional herbicide should be used to gain best control. *Suppression only
	Giant Panic, Peach Vine, Pigweed ⁺				*Suppression only.
	Spring Grass				On heavy soils, the rates may result in suppression only. An additional herbicide should be included in the control program.
	Summer Grass				Use the higher rate on heavier soils.
	Sesbania Pea, Yellow Vine			2.8 kg	Use in the first year of a ZOLIAR 800 DF program, mix with another herbicide to gain best control.
Anoda Weed, Bladder Ketmia ⁺ , Mimosa ⁺ , Mintweed ⁺ , Prickly Lettuce, Sow Thistle, Thornapple, Wild Oats ⁺				*Suppression only	
Deadnettle			4.0 kg		
Asparagus	Johnson Grass, Nutgrass	Qld	2.5 kg	14 days	Apply using a boom spray to bare ground prior to weed emergence. Apply as a directed spray in 300 to 500 L water/hectare. Avoid contact with foliage or fruit. An application in early autumn will give winter weed control or in early to mid-spring will give full summer weed control. Note: <i>For asparagus only:</i> Allow newly planted fields (direct seeded, seedlings, or crowns) to become established for one year before application of ZOLIAR DF. DO NOT apply within 14 days of harvest and before fern emerges. DO NOT spray on young ferns. DO NOT apply more than 2 applications per year. ZOLIAR DF should not be applied if crop rotation is expected within 24 months. <i>For grapes only:</i> Not recommended for grapes grown in sand or loamy sand soils with less than 1% organic matter and pH greater than 7.5 as veinal chlorosis may occur. <i>For almonds and cherries only:</i> DO NOT use on coarse textured soil such as sand, loamy sand, gravelly sand and fine sand as veinal chlorosis may occur.
Citrus Grapefruit, Lemons, Mandarins, Oranges (Navel and Valencia)	Annual Ryegrass, Barley Grass, Blackberry Nightshade, Brachiaria (Green Summer Grass), Caltrop, Capeweed, Chickweed, Common Sowthistle (Milk Thistle), Dandelion seedlings, Curled Dock seedlings, False Caper seedlings, Fat-Hen ⁺ , Indian Hedge Mustard, Innocent Weed (Spiny Burgrass), Medic, Hedge Mustards, Paspalum, Plantain seedlings, Pigweed (<i>Portulaca</i>), Prairie Grass, Prickly Lettuce, Great Brome (Ripgut Brome), Salvation Jane, Scarlet Pimpernel, Shepherd's Purse, Silver Grass, Skeleton Weed seedlings, Sorrel seedlings, Soursob ⁺ , Stinkgrass, Stinking Roger, Subterranean Clover, Summer Grass (Crabgrass), Three-cornered Jack (Doublegee, Spiny Emex) Variegated Thistle, Wild Oats, Wild Radish, Wild Turnip, Winter Grass, Wireweed, Witch Grass, Yellow Weed, Yorkshire Fog Grass	All states			
Grapes					
Pome Fruit Apples, Pears					
Stone Fruit Apricots, Cherries, Nectarines, Peaches, Plums	Couch Grass ⁺ , Dandelion, Curled Dock, False Caper, Johnson Grass ⁺ , Skeleton Weed, Sorrel, Soursob		5.0 kg		
	Pigweed (<i>Portulaca</i>)		1.25 kg ZOLIAR 800 DF + 2.0 L Simazine 500 g/L		When specific weeds are present as a major pest they will be more effectively controlled by tank mixes of ZOLIAR 800 DF + Simazine.
Nuts Almonds only	Barnyard Grass, Clammy Goosefoot, Cobbler's Pegs, Green Pigeon Grass, Redroot Amaranth, Summer Grass, Wireweed		1.9 kg ZOLIAR 800 DF + 2.0 L Simazine 500 g/L		

+ Suppression only.

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

For cautions and restraints, please refer to the full product label. *Note. Asparagus, Queensland only.

For more information contact your local retailer or visit agnova.com.au

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