

Casoron® 4G

Herbicide

TECH TOPIC

Controls broadleaf and grass weeds in a variety of commercial, industrial and aquatic situations.

Active ingredient: 40 g/kg Dichlobenil

Class: Group 0 herbicide

Casoron® 4G provides pre-emergent weed control in:

- Orchards and vineyards
- Established shrubs and trees in flower beds and nursery stock in pots or fields
- Blackcurrants, raspberries and gooseberries
- Commercial, industrial and aquatic areas

Always refer to the label for complete details*.

*APVMA permits are available - refer to the APVMA website for details.

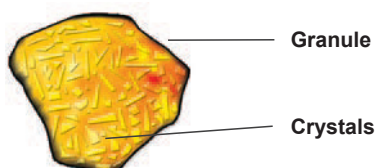
BENEFITS

- Eliminates most broadleaf and grass weeds
- Granular formulation for easy application
- Pre and post emergence activity
- Small or large scale application
- Single treatment gives long lasting control
- Selective action to prevent damage to established trees and shrubs

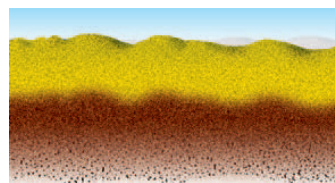
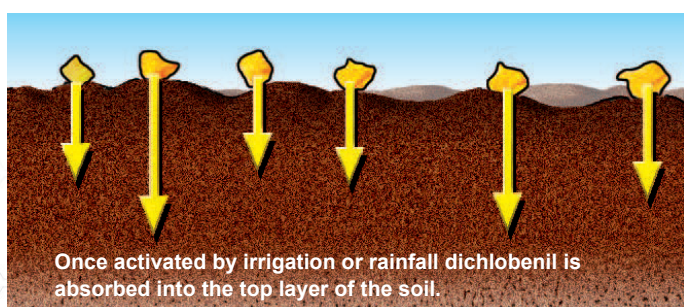
EFFICIENT, LONG-LASTING & ENVIRONMENTALLY RESPONSIBLE

How does Casoron 4G work?

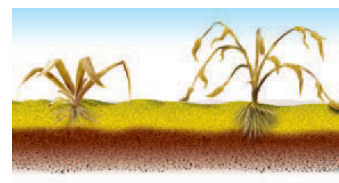
The active ingredient of Casoron 4G, dichlobenil, has a very low degree of water solubility and a relatively high vapour pressure. When exposed to outdoor temperatures and moisture, these characteristics aid transport of the active constituent into the top few centimetres of the soil.



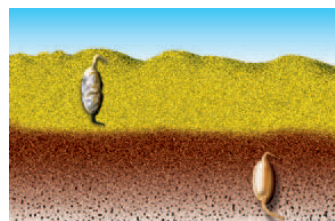
A specialised compacting process is used to produce Casoron 4G granules. During this process, dichlobenil is evenly distributed throughout the pellet in the form of crystals. This formulation successfully prevents premature evaporation.



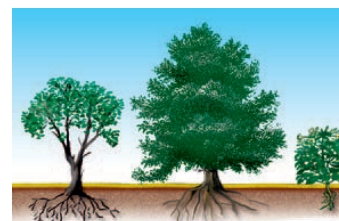
Moisture and temperature work together to produce a herbicide barrier a few centimetres deep.



All existing vegetation like surface rooted grasses and annual weeds, which are situated in the dichlobenil barrier, will be affected and die.



Weed seeds die as dichlobenil inhibits meristematic growth at the tip of stems and roots. In seedlings, the growing points of both shoots and roots become affected, leading to plant death. Germinating weeds and seedlings are especially sensitive to Casoron 4G.



For existing weeds visible results can be seen within 2-3 weeks after application. When Casoron 4G is applied in accordance with the label its use will not affect trees or shrubs with root systems situated underneath the herbicidal barrier.

Application method:

Casoron 4G should be applied in late winter to early spring when perennial weeds are still dormant and annual weeds have not started to germinate.

- A single application during early spring should remain effective throughout the growing season.
- Use an applicator designed for the application of granules.
- Do not apply in unfavourable conditions.

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Updated formula - Casoron 4G

Casoron G has been replaced with an updated formulation and the product is now known as Casoron 4G.

The main difference between the superseded and new formulation is the amount of dichlobenil active that is present in the formulation. The superseded formulation contained 67.5g/kg of dichlobenil whilst the new updated formulation contains 40 g/kg of dichlobenil. Consequently application use rates have changed, as shown in the table below.

Always refer to product label for full details.

Situation	Weeds Controlled	State	Old Rate	New Rate
Established shrubs and trees in beds and lawns, including: Acacia, Banksia, Birch, Box, Cedar, Cypress, Eucalyptus, Gardenia, Hakea, Hawthorn, Hazel, Heath, Holly, Lilly Pilly, Magnolia, pines, Poplar, Rhododendron, Roses, Tea Tree, Willow.	Annual Grasses and Broadleaf weeds	All States	600 g/100 m ²	1 kg / 100 m²
Orchards, including: Apples, Apricots, Citrus, Peaches, Plums, and Vineyards			60 - 90 kg per treated hectare (2 m x 5 m)	101 - 152 kg per treated hectare (2 m x 5 m)
Blackcurrants, Raspberries, Gooseberries.		Tas. Only		
Nursery stock in pots or field		All States	60 g / 10 m ² stock not to be repotted	100 g / 10 m² stock not to be repotted
		30 g / 10m ² - new stock recently potted out	50 g / 10 m² – new stock recently potted out	
Commercial & Industrial Areas	Annual Weeds	All States	180 - 250 g per 10 m ²	300 - 420 g per 10 m²
	Perennial Weeds		250 - 370 g per 10 m ²	420 - 625 g per 10 m²
Aquatic Areas	Aquatic Weeds including Ribbonweed, Pondweeds, Milfoils (Cattail), Chara		1.7 - 2.3 kg per 100 m ² (exposed soil)	2.9 - 3.9 kg per 100 m² (exposed soil)
			170 - 230 kg per hectare treated area or 1.7 - 2.3 kg per 100 m ² (water less than 1 m deep)	287 - 388 kg per hectare treated area OR 2.87 - 3.88 kg per 100 m² (water less than 1 m deep)
			230 - 240 kg per hectare treated area or 2.3 - 3.4 kg per 100 m ² (water greater than 1 m deep)	388 - 574 kg per hectare treated area OR 3.9 - 5.7 kg per 100 m² (water greater than 1 m deep)

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