



Cavalier® 500 SC

The best choice for residual weed control in Forestry and IVM weed management

Product overview

Cavalier® 500 SC contains 500 g/L oxyfluorfen in a unique low odour, suspension concentrate formulation. It is currently registered for the control of a wide range of broadleaf weeds in Forests and fallow situations.

Current APVMA Permit: 85190.

APVMA Permit No 85190 now allows Cavalier® 500 SC to be utilised in Industrial/Commercial situations as a soft residual herbicide, providing excellent weed control results, whilst at the same time maximising tree safety and limiting off site movement from the treated area.

Weed Spectrum Controlled by Cavalier 500SC

Cavalier® 500 SC is very effective on troublesome broadleaf weeds including; Sow thistle (*Sonchus oleraceus*), Small flowered mallow (*Malva parviflora*), Stinging nettle (*Urtica urens*) and Wild radish (*Raphanus raphanistrum*).

Cavalier® 500SC also has excellent pre-emergence activity on grasses such as Rye grass (*Lolium spp.*), Red Natal grass (*Rhynchelytrum repens*) and Summer grass (*Digitaria spp.*).

Broadleaf pre-emergence activity includes weeds such as Fat Hen (*Chenopodium album*), Prickly lettuce (*Lactuca spp.*), Redshank (*Amaranthus cruentus*), Soursob (*Oxalis pes-caprae*), Sow thistle (*Sonchus oleraceus*), Thornapple (*Datura stramonium*) and Wireweed/Hogweed (*Polygonum aviculare*).

Cavalier® 500 SC Residual Performance

Cavalier® 500 SC when used at the higher rate range gives extended pre-emergence control (>4 months). Improved residual activity and performance is achieved when applying Cavalier®

500 SC in combination with other ADAMA products. Compatible products with Cavalier® 500 SC Herbicide include Victory® (clopyralid) IVM, Simanex® (simazine), Firepower® (haloxyfop), Excalibur® IVM (sulfometuron), Wipe-out® Pro 540 (MEA glyphosate), Wipe-out® 450 (glyphosate), Wipe-out® Bio 360 (glyphosate), Exonerate® Herbicide (glufosinate), Lynx® (metsulfuron methyl), Wetspray® 1000. **Note: Cavalier® 500 SC is not compatible with 540 g/L glyphosate products present as the potassium salt.**

Low Potential for off site Movement

Cavalier® 500 SC is extremely soil fast meaning it binds well to the soil with a very low risk of mobility. This makes Cavalier® 500 SC the right choice in sensitive areas where there is the potential for pesticide movement.

Mode of action

GROUP G HERBICIDE

Cavalier® 500 SC Herbicide (oxyfluorfen) works by attacking the fats and proteins of plant cell membranes. (Effecting photosynthesis.) It inhibits, an enzyme needed for photosynthesis causing cell membrane disruption and desiccation. The main mechanism of degradation of Cavalier® 500 SC in soils is photo-degradation and evaporation.

Cavalier® 500 SC is a Non-scheduled herbicide with its mode of action being a Group G a (PPO) an inhibitor of protoporphyrinogen oxidase. Cavalier® 500 SC as it is a great choice to manage resistance and weed tolerance by changing mode of action. Selecting Cavalier® 500 SC is a rotational option is an integral part of moving your program to integrated weed management approach.

Cavalier® 500 SC

How to get the best results from Cavalier® 500 SC

The key to successful control is to ensure that the treatment plant or plants are actively growing. Look for lush new growth and plants in flower.

Avoid spraying plants which are “stressed” cold, dry conditions, mechanical disturbance, insect attack and waterlogging can reduce plant uptake and control.

Cavalier® 500 SC application methods

- Boom
- High volume hand gun spray.

Features and benefits

- Used for selective control of troublesome broadleaf weeds. Very effective on Fleabane and Thistles
- A Group G herbicide (Rotational option)
- Low Toxicity
- Low impact on the environment
- Cavalier® 500 SC is a Low odour, unique formulation
- Cost effective with proven results
- Correct timing and rate selection can give you good residual performance
- A soft residual that can be utilised as part of an integrated weed management program
- Cavalier® 500 SC is a non-scheduled herbicide that is extremely soil fast and bids to the soil minimising any off-target movement.

Cavalier® 500 SC can be utilised Industrial/ Commercial situations under APVMA Permit No 85190 (for a copy of the permit contact your Adama P&C representative.)

Key Permit Particulars

- Use in all states. (1.5 to 1.9 L/ha)
- General rate ranges for handgun use is from 2 mL/ 10 m² or a calculated 150 mL/100 L water (hand gun spraying @ 1000 L/ha)
- Applicable for Industrial areas, Non-crop Situations, Roadside, Rail and Rights-of-way.

Cavalier® 500 SC use rates

Mixes with water

Utilised as a spike to speed up brown down. 36 mL plus a glyphosate product at its recommended label rate.

IVM Permit rate ranges 0.9 L /ha to 1.9 L kg/ha

General rate ranges for handgun use is from 2 mL/10 m² or a calculated rate of 150 mL/100 L water (hand gun spraying @ 1000 L/ha)

Forestry boom rates 0.9 L /ha to 1.9 L kg/ha.

See the label for additional information.

Critical Use Comments:

- Maximum of one application per season
- Minimum re-treatment interval of 6 months
- Use in accordance with the approved label
- DO NOT apply by spraying equipment carried on the back of the user
- Grazing: DO NOT allow livestock to graze treated weeds.

ADAMA
Simply. Grow. Together.

For more information on
Cavalier® 500 SC
scan here or
visit adama.com



For more information visit: adama.com

For Customer Enquiries: **1800 4 ADAMA**