

Fenox[®] 480SC

For pre- and post-emergence control of broadleaf weeds and some annual grasses in apples, kiwifruit, stonefruit and forest nurseries.



Active Ingredient: 480g/litre oxyfluorfen

Chemical Group: Nitrophenyl ether

Formulation: Suspension concentrate

Pack Size: 5 litre

Fenox[®] 480SC offers highly cost-effective residual weed control - with many key benefits:

- ✓ Knockdown and residual activity.
- ✓ Double-strength formulation.
- ✓ Broad spectrum weed control.
- ✓ Low use rates.

About Fenox 480SC[®]

Fenox[®] 480SC possesses both knockdown and residual activity against broadleaf and grass weeds. It may also be used at low use rates as a "spike" to augment the activity of other herbicides. Fenox 480SC possesses extremely low water solubility and binds tightly to soil particles – there is minimal movement within the soil profile. It essentially forms a barrier on the soil surface and kills germinating weeds through contact as they seek to emerge.

General Information

Beware: Apply this product carefully. Spray drift may cause serious damage to other desirable plants. A strategy to minimize spray drift should be employed at all times when applying spray near aquatic environments.

Restrictions: DO NOT apply during prolonged periods of dry weather when the soil is very dry. DO NOT use near newly grafted or budded cuttings, or any plants less than 1 year old.

General Instructions: Fenox[®] 480SC herbicide is a contact herbicide with greatest activity when applied before weed emergence. Also has post-emergence activity but to be effective, weeds must be very small. As a soil residual treatment emerging weeds contact the chemical layer as they break the soil surface. The chemical is taken up by the emerging shoot and is activated in the presence of light. It is important to have an uninterrupted layer of chemical on the soil surface. For residual weed control rain following treatment is needed to move the herbicide into the surface layer of soil. For post-emergence treatment, do not apply if rain is likely to fall within 3 hours following application.

IT IS AN OFFENCE FOR USERS OF THIS PRODUCT TO CAUSE RESIDUES EXCEEDING THE RELEVANT MRL IN THE FOOD NOTICE: MAXIMUM RESIDUE LEVELS FOR AGRICULTURAL COMPOUNDS.

Directions for use:

CROP	WEEDS CONTROLLED	RATE	CRITICAL COMMENTS
Apples Grapes Kiwifruit Stonefruit	Bitter cress, Catsear, Cut-leaved geranium, Field madder, Field speedwell, Hedge mustard, Mallow species, Mouse-ear chickweed, Nettle, Parsley piert, Pennyroyal, Shepherds purse, Sow thistle, Storks-bill, Twin cress.	3 litres/ha	Residual control: Apply in 300-400 litres water to bare ground when trees and vines are dormant.
		Boom spray: 1-1.5 litres/ha + glyphosate at label rates. Hand gun or knapsack: 150ml/100 litres of water + glyphosate at label rates.	Post-emergent control: For difficult-to-kill weeds. Use sufficient water to obtain complete coverage of weeds. Use the higher rate on creeping mallow and weeds taller than 25cm. Thoroughly wet weeds. Use a wetting agent.
Forest nurseries	Bitter cress, Catsear, Cut-leaved geranium, Field madder, Field speedwell, Hedge mustard, Mallow species, Mouse-ear chickweed, Nettle, Parsley piert, Pennyroyal, Shepherds purse, Sow thistle, Storks-bill, Twin cress.		Pre-emergence: Apply in 300-400 litres water/ha to clean seedbeds immediately after sowing but before emergence.
Pinus, Cupressus species		1-2 litres/ha	
Eucalyptus Racosperma (Acacia) species		0.25-0.50 litre/ha	
		1-1.5 litres/ha	Post-emergence: Apply in sufficient water to obtain complete coverage of all weeds. Apply no sooner than 5 weeks after seedling emergence, and when weeds are no more than 5cm high. Foliage discolouration may occur in tree seedlings.

Use as a spike to assist with glyphosate based herbicides: When tank mixed with the correct label rate of any glyphosate based herbicide, Fenox 480SC will aid in the initial brownout on most weed leaves and stems without interfering with the translocation properties. Always follow the full label instruction of any tank mixed herbicides. Fenox 480SC will assist glyphosate to control mallows, tall willow herb, cleavers and nettles in particular. Some weeds, e.g. speedwells, cress and certain grasses may not show an initial scorch but an earlier weed kill should still be obtained.

Orchard weed strips, non-crop uses: Apply 40 – 75 mL/Ha in tank mix with the recommended rate of glyphosate based herbicide for general use.

Apples, grapes, kiwifruit, stonefruit: For best results apply when soil is moist and weeds are small. Volatilisation of Fenox 480SC herbicide early in the season may cause a reddening of young buds and an initial check to growth on kiwifruit vines, but plants should recover.

Forest nurseries: Some seedling damage can be expected with either pre-or post-emergence treatment.

Directions for use cont...

Mixing: Quarter fill the spray tank and add the required amount of Fenox 480SC. Add the remainder of the water, with the agitator running. Add spraying oil last if used. Maintain agitation during spraying. Only mix sufficient spray solution for immediate use and avoid storing.

When Tank Mixing: Fenox 480SC should be added to the tank first followed by wettable powders or dry flowable formulations, suspension concentrates (flowables), aqueous concentrates, emulsifiable concentrates and then add the surfactant last (if used).

Re-Entry Period: Do not allow entry into treated areas until the spray has dried. If prior entry is necessary, wear the protective equipment described in the Precautions box.

Compatibility: May be used in tank mixes with a wide range of herbicides.

Application: Use conventional spraying equipment capable of applying the necessary water volumes/ha. Even coverage of the soil and/or weeds is essential, and to this end fan nozzles should be used.

Resistant Weeds Warning: Fenox 480SC is a **GROUP E HERBICIDE** from the Inhibition of Protoporphyrinogen oxidase (PPO) mode of action herbicide group. Naturally occurring weed biotypes resistant to these herbicides can become more prevalent after many years of continuous use. To delay the onset of, or control resistant weeds, use in rotation with herbicides of different mode of action. Refer to the NZCPR website (www.reistance.nzpps.org) for more detailed information. Since the occurrence of resistant weeds is difficult to detect prior to use Adria New Zealand Ltd accepts no liability for losses that may result from the failure of this product to control resistant weeds.