

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

**SureFire**

**STRIKE 240EC\***

**HERBICIDE**

ACTIVE CONSTITUENT: 240 g/L OXYFLUORFEN  
SOLVENTS: 606 g/L LIQUID HYDROCARBONS  
108 g/L N-METHYL-2-PYRROLIDONE

**GROUP G HERBICIDE**

For the selective control of certain broadleaf and grass weeds  
as specified in the Directions for Use table.

**IMPORTANT: READ THIS LEAFLET BEFORE OPENING OR USING**

  
**PCT**  
HOLDINGS PTY LTD

APVMA Approval No: 87772/119224

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5/74 Murdoch Circuit, Acacia Ridge QLD 4110 • <http://pctrural.com.au>  
CUSTOMER SERVICE FREECALL 1800 630 877 EMERGENCY RESPONSE (ALL HOURS) FREECALL 1800 630 877

#### DIRECTIONS FOR USE

Surefire Strike 240EC Herbicide can be used on weed-free soil to prevent germination of a wide variety of weeds or it can be applied to existing weeds at seedling stage especially with a tank mix partner to increase the variety of weeds controlled and/or the length of residual control. This product can also be added at a low rate as a 'spike' to glyphosate or paraquat and diquat/paraquat herbicides to improve knockdown.

1. **Surefire Strike 240EC Herbicide applied as a 'spike' with glyphosate OR with either paraquat or a diquat/paraquat mixture.**

**RESTRAINT:** DO NOT disturb weeds by cultivation for sowing for 1 day following application to annual weeds and 7 days for perennial weeds to ensure herbicide absorption, unless specified in the CRITICAL COMMENTS.

CROP/SITUATION	FOR WEEDS CONTROLLED AND TIME OF APPLICATION	RATE OF SUREFIRE STRIKE 240EC HERBICIDE	CRITICAL COMMENTS
Fruit & nut trees, vines including: Grapevines, olive trees, pome fruit (e.g. apple, pear, nashi, quince), stone fruit (e.g. apricot, cherry, peach, plum), tree nuts (e.g. almond, macadamia, pecan, walnut)	Refer to the label of the glyphosate product.	75 mL/ha plus a glyphosate product at its recommended label rate.	Addition of this product to glyphosate products will improve knockdown and increase the speed at which the treated weeds develop visible symptoms of phytotoxicity (compared to results achieved with glyphosate applied alone) and give control of annual nettles ( <i>Urtica</i> spp.) and small-flowered mallow. For rates of glyphosate, refer to the appropriate label. Read and follow all label directions.  DO NOT apply the tank mix of glyphosate and this product near trees or vines less than 3 years old unless they are effectively shielded from spray and spray drift.
	Refer to the label of the paraquat or diquat/paraquat products	250 mL/ha plus a paraquat or diquat/paraquat product at its recommended label rate	Addition of this product in a tank mix with a paraquat or diquat/paraquat product will improve control of small flowered mallow, evening primrose and other weeds sensitive to this product. For the rate of the paraquat or diquat/paraquat product, refer to the appropriate label. Read and follow all label directions.

## SAFETY DIRECTIONS

Will damage eyes. Will irritate the skin. Avoid contact with eyes and skin. When opening the container and preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length butyl rubber gloves and goggles. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed DO NOT induce vomiting. If in eyes wash out immediately with water.

### SAFETY DATA SHEET

Additional information is listed on the Safety Data Sheet which is available from PCT Holdings Pty Ltd on request. Call Customer Service Toll Free on 1800 630 877 or visit our web site at <http://pct.au.com>

May cause respiratory irritation. May cause drowsiness or dizziness. May damage fertility or the unborn child.

### MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label. PCT Holdings Pty Ltd accepts no liability or responsibility for loss or damage arising from incorrect storage, handling or use.

\* Other trademarks

## 2. Surefire Strike 240EC Herbicide applied to weed-free soil or weeds at seeding stage.

**RESTRAINT:** If applying to weed seedlings, DO NOT disturb weeds by cultivation or sowing for 1 day following application to general weeds and 7 days for perennial weeds to ensure herbicide absorption unless specified in the CRITICAL COMMENTS.

CROP/SITUATION	WEEDS CONTROLLED	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
Brassica Crops Broccoli Cauliflowers Cauliflower	Refer to Weeds Controlled list	Weed free soil (prior to crop transplanting)	1.5 to 2 L/ha	Apply Surefire Strike 240EC Herbicide to prepared ground 4 to 7 days prior to transplanting. If soil is dry, irrigation or rainfall is required prior to transplanting for activation of Surefire Strike 240EC Herbicide. Utilise transplanting techniques which cause minimal soil disturbance. Excessive soil disturbance will lessen herbicidal activity. Use the higher rate in situations where weed pressure is known to be heavy.
Coffee	Refer to Weeds Controlled list	Weed free soil  Weeds at the 2 to 4 true leaf stage	2 or 4 L/ha	Use the higher rate where longer residual activity (up to 4 months) is required.  When seedlings are present, apply as a tank mix with Paraquat to produce both knockdown and residual control. Addition of a non-ionic surfactant such as Cropwet 1000 at recommended rates should be used in the spray mixture. Apply as a directed spray to avoid contact with coffee plants. Mature established weeds must be eliminated by mechanical or chemical means prior to application.
Duboisia	Refer to Weeds Controlled list (best results are achieved when applied to moist soil free of weeds)	Weed free soil  Weeds at 4 to 6 true leaf stage	4 or 8 L/ha	Use the higher dosage where longer residual control (up to 6 months) is required. "Over-the-top" application will be tolerated. Recently germinated small seedling grasses and broadleaf weeds (4 to 6 true leaves) will be controlled with these rates. Established larger weeds must be eliminated by mechanical means. Add a 1000 g/L non-ionic surfactant to enhance activity.
Forestry Eucalyptus spp. Pinus spp (either before or preferably within 4 weeks of transplanting)	Refer to Weeds Controlled list	Weed free soil (either before or preferably within 4 weeks of transplanting)  Weeds at 4 to 6 true leaf stage	3 or 4 L/ha	Under weed-free conditions, apply as a directed or 'over-the-top' spray. Disturbance of the herbicidal barrier on the soil surface at transplantation may reduce the length of weed control. If weed seedlings are present, apply as an 'over-the-top' spray. In either situation, use the higher rate for longer residual control. This product can be applied in a tank mix with simazine to extend the spectrum and length of weed control. DO NOT use this tank mix in eucalyptus plantations grown on sands, with ray clay or organic matter. The likelihood of foliar damage to trees (especially eucalypts) will increase if applied to foliage that has not hardened off and/or if the temperature exceeds 20°C. However this product is generally regarded as safe to commonly planted forestry species but the sensitivity of less common species should be tested on small areas before a large-scale application is made.
Forestry Trees	Broadleaf weeds and grasses	Weeds at 4 to 6 true leaf stage	4 L/ha or 4 mL/10 m <sup>2</sup>	For the establishment of trees for approved farm practices such as wind breaks, erosion control, woodlots and forestry plantings. When applying as a post-plant spray, ensure spray is directed to the base of seedlings, or that seedlings are protected. DO NOT apply under hot or windy conditions.
Pyrethrum – as bare rooted transplants or seedlings	Refer to weeds controlled list (except chickweed)	Pre-plant incorporated into weed free soil worked to a fine tith	4 or 6 L/ha	Apply prior to final soil preparation. The preferred implements for final soil preparation would be either a multiple tyre cultivator or rotary harrows. Use the 6 L/ha rate for heavy black clay soils only (as found in the Derwent and Coal River Valleys, Tasmania). This product will not provide consistent control of chickweed.

Pyrethrum – greater than 4 leaves	Blackberry Nightshade ( <i>Solanum nigrum</i> ), Fumitory ( <i>Fumaria</i> sp.), Sorrel ( <i>Rumex</i> <i>acetosella</i> ), Volunteer Potato ( <i>Solanum</i> <i>tuberosum</i> ), Cleavers ( <i>Galium</i> <i>aparine</i> ), Field Bindweed ( <i>Convolvulus</i> <i>arvensis</i> ), Groundsel ( <i>Senecio vulgaris</i> )	Emerged weeds present	100 to 150 mL/ha	-
Pyrethrum – established crops greater than 1 year old	As above plus Sow Thistle ( <i>Sonchus</i> spp.), Spear Thistle ( <i>Cirsium vulgare</i> )		200 mL to 4 L/ha	Apply when pyrethrum is greater than 100 mm rosettes. Apply rates of greater than 1.0 L/ha ONLY between 1ST of February and 31ST of March. <b>DO NOT apply later than 25 weeks before harvest.</b>
Tobacco	Refer to Weeds Controlled list	Weed free soil	4 L/ha	Use to control weeds along spray lines only. <b>DO NOT apply to tobacco crop.</b> Apply to soil after solid-set irrigation system has been laid out in the field. Surefire Strike 240EC Herbicide should be applied to a moist soil. Where very small weeds (2-3 leaf) emerge prior to spraying, the addition of a wetting agent to the spray mixture is necessary for effective control. Should the weeds be more advanced, the addition of 2 L Diquat (200 g/L) is required. Avoid spray drift.
Trees (Fruit & Nuts) and Vines not less than 3 years old as a DORMANT APPLICATION, including: Grapevines, olive trees, pome fruit (e.g. apple, pear, nashi, quince), stone fruit (e.g. apricot, cherry, nectarine, peach, plum), tree nuts (e.g. almond, macadamia, pecan, walnut)	Refer to Weeds Controlled list	Weed free soil	3 or 4 L/ha	<b>DO NOT apply Surefire Strike 240EC Herbicide once bud swell has occurred.</b> Apply to freshly cultivated weed free soil. Use the higher rate when longer residual control is required (up to 4 months). Where grass weeds are expected to be a major problem, or when control of a wider weed spectrum is required, mix the lower rate with 4.5 L Oryzalin 500 g/L or 4.5 kg/ha of a napropamide (500 g/kg) product. Refer to product labels for crops, rates, states and weeds controlled and follow all label directions. <b>DO NOT apply Surefire Strike 240EC Herbicide once bud swell has occurred.</b> Use the higher rate when longer residual control is required (up to 4 months). When young seedling grasses and/or broadleaf weeds are present, apply as a tank mix with Glyphosate or Paraquat or Paraquat/Diquat to give both knockdown and residual control. Refer to individual product label for rates. A non-ionic surfactant such as BS-1000 should be used at 0.1%. Where weed growth is large and dense, weeds must be eliminated prior to application of this product, using glyphosate or by mechanical or chemical means. <b>Macadamias:</b> Apply in 250 to 500 L water/ha. Apply after harvest to prevent spray contacting nuts. Avoid spray contact with the macadamia tree foliage and stem. <b>DO NOT apply to nuts on the ground.</b>
Tropical and Subtropical Fruit (inedible peel) Avocado Cherimoya Custard Apple Durian	Refer to Weeds Controlled list	Weed free soil  Emerged weeds present	4 L/ha	Best results are obtained when applied to moist soil free of weeds and followed by rainfall or irrigation. If weeds are present, this product should be applied as a tank mix with recommended rates of glyphosate or paraquat or diquat/paraquat.

## RESISTANT WEEDS WARNING

GROUP

G

HERBICIDE

Surefire Strike 240EC Herbicide is a member of the Diphenyl ether group of herbicides. The mode of action of Surefire Strike 240EC Herbicide is to inhibit protoporphyrinogen oxidase. For weed resistance management. Surefire Strike 240EC Herbicide is a Group G herbicide. Some naturally-occurring weed biotypes resistant to Surefire Strike 240EC Herbicide and other inhibitors of protoporphyrinogen oxidase 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 weeds will not be controlled by Surefire Strike 240EC Herbicide or other Group G herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, PCT Holdings Pty Ltd accepts no liability for any losses that may result from the failure of Surefire Strike 240EC Herbicide to control resistant weeds.

### RE-ENTRY PERIOD

**DO NOT** allow entry into treated areas until the spray has dried. If prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length chemical resistant gloves. Clothing must be laundered after each days use.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

**DO NOT** apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

### PROTECTION OF LIVESTOCK

Use with care when applying in areas frequented by stock.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

This product is highly toxic to wildlife and fish.

**DO NOT** contaminate streams, rivers or waterways with the chemical or used containers. Use care when applying in areas frequented by wildlife or adjacent to any body of water. **DO NOT** apply when weather conditions favour drift from target areas.

### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

The method of disposal of the container depends on the container type.

Read the Storage and Disposal instructions on the label that is attached to the container.

**For Non-Refillable Containers:** Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. 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 500 mm 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.

**For Refillable Containers:** Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs PCT Holdings Pty Ltd should be advised immediately. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

#### MIXING

Shake well before use. When using Surefire Strike 240EC Herbicide alone, fill the spray tank at least one-third full with clean water, add the recommended amount of Surefire Strike 240EC Herbicide while the pump and agitator are running, then complete filling the spray tank. A non-ionic surfactant, if required by label directions, should be added near the end of the filling process to minimize foaming. When tank mixing with Oryzalin 500 g/L or Devrinol®, add to one-third filled tank, then add the Surefire Strike 240EC Herbicide during the filling operation. Maintain agitation during mixing and until spraying is completed. When tank mixing with glyphosate products, Diquat or Paraquat Diquat, add these after Surefire Strike 240EC Herbicide.

#### Surefire Strike 240EC Herbicide +Glyphosate tank mixes

Ensure thorough agitation when mixing, filling the spray tank and during application, irrespective of glyphosate formulation used. Follow recommended order and directions for tank mixing Surefire Strike 240EC Herbicide and glyphosate. Use all spray mix immediately after preparation.  
DO NOT tank mix Surefire Strike 240EC Herbicide and glyphosate without agitation.  
DO NOT allow mix to stand un-agitated.  
DO NOT store Surefire Strike 240EC Herbicide and glyphosate tank mixes.  
DO NOT mix other agrochemical products with Surefire Strike 240EC Herbicide and glyphosate tank mixes.

#### APPLICATION

Surefire Strike 240EC Herbicide should be applied as a ground spray directed at the base of crop plants. Surefire Strike 240EC Herbicide should be applied evenly with a carefully calibrated, standard low pressure herbicide sprayer with a flat fan or hollow cone nozzle. When seedling weeds are present ensure thorough coverage of their foliage is required to obtain the maximum knockdown effect. Ensure both the weed foliage and the soil surfaces are sprayed. When applying to bare soil use 250 to 500 L of water/ha. For application to seedling weeds (4 to 6 leaf stage) use 250 to 1,350 L/ha. Use higher volumes for high weed density.

#### CROP SAFETY

Surefire Strike 240EC Herbicide may be applied as directed around dormant peach, plum, apricot, almond, apple and pear trees and grapevines of all ages when applied at rates of less than 1.0 L/ha. When applied at 3.0 L/ha and above, the trees and grape vines should be at least 3 years of age.  
DO NOT apply Surefire Strike 240EC Herbicide once bud swell has occurred when using rates greater than 1.0 L/ha. Duboisia seedlings and mature plants will tolerate "over-the-top" applications of Surefire Strike 240EC Herbicide.  
When using the 75 mL/ha rate, Surefire Strike 240EC Herbicide may be applied as directed prior to sowing Winter cereals.

#### COMPATIBILITY

Surefire Strike 240EC Herbicide is compatible with Trifluralin 500 g/L, Bonus®, Devrinol®, Paraquat 250 g/L, Diquat 200 g/L, Glyphosate 360g/L, Glyphosate 450 g/L, Glyphosate 540 g/L, Oryzalin 500 g/L, Touchdown®, Weedmaster® Duo, Diquat 200 g/L and Diquat/Paraquat 200 g/L.

Feijoa				Read and follow all label directions.
Guava				
Jackfruit				
Kiwi Fruit				
Longan				
Lychees				
Mango				
Mangosteen				
Passionfruit				
Pawpaw				
Persimmon				
Rambutan				
Star apple				

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

**THIS PRODUCT IS TOO HAZARDOUS FOR USE IN THE HOME GARDEN.**

#### WITHHOLDING PERIODS:

**GRAZING: DO NOT GRAZE TREATED WEEDS.**  
**HARVEST: NOT REQUIRED WHEN USED AS DIRECTED**

**Weeds Controlled by Surefire Strike 240EC Herbicide include the following:****BEFORE GERMINATION**

Amsinckia  
 Barley Grass  
 Barnyard Grass  
 Blackberry Nightshade  
 Bladder Kettle  
 Burrgrass  
 Caltrop  
 Capeweed  
 Chickweed  
 Crowsfoot Grass  
 Deadnettle  
 Fat Hen  
 Giant Pigweed

Liverseed Grass  
 Lovegrass  
 Pigeon Grass  
 Pigweed  
 Prickly Lettuce  
 Red Natal Grass  
 Redshank  
 Ryegrass  
 Sesbania Pea  
 Shepherd's Purse  
 Smallflower Mallow  
 Soursob  
 Sowthistle  
 Starburr

Stinkgrass  
 Summer Grass  
 Thornapple  
 White Eye  
 Wild Mustard  
 Wild Radish  
 Wireweed

*Amsinckia* spp.  
*Hordeum leporinum*  
*Echinochloa* spp.  
*Solanum nigrum*  
*Hibiscus trionum*  
*Cenchrus australis*  
*Tribulus terrestris*  
*Arctotheca calendula*  
*Stellaria media*  
*Eleusine indica*  
*Lamium amplexicaule*  
*Chenopodium album*  
*Trianthema portulacastrum*  
*Urochloa panicoides*  
*Eragrostis* spp.  
*Setaria* spp.  
*Portulaca oleracea*  
*Lactuca* spp.  
*Rhynchelytrum repens*  
*Amaranthus cruentus*  
*Lolium* spp.  
*Sesbania cannabina*  
*Capsella bursa-pastoris*  
*Malva parviflora*  
*Oxalis pes-caprae*  
*Sonchus oleraceus*  
*Acanthospermum hispidum*  
*Eragrostis ciliaris*  
*Digitaria* spp.  
*Datura stramonium*  
*Richardia brasiliensis*  
*Sisymbrium* spp.  
*Raphanus raphanistrum*  
*Polygonum aviculare*

**SEEDLINGS**

Amsinckia  
 Barley Grass  
 Bellvine  
 Capeweed  
 Common Cotula  
 Crowsfoot Grass  
 Deadnettle  
 Groundsel  
 Liverseed Grass  
 Paterson's curse  
 Pigweed  
 Potato Weed  
 Redshank

Shepherd's Purse  
 Sowthistle  
 Small Flowered Mallow  
 Stinging Nettle  
 Stinkgrass  
 Storksbill  
 Wild Radish

*Capsella bursa-pastoris*  
*Sonchus oleraceus*  
*Malva parviflora*  
*Urtica urens*  
*Eragrostis ciliaris*  
*Erodium* spp.  
*Raphanus raphanistrum*

**GENERAL INSTRUCTIONS**

Surefire Strike 240EC Herbicide is a selective herbicide for the control of certain annual grasses and broadleaf weeds in dormant apples, grapes, peaches, pears, plums, apricots, almonds, macadamia, Duboisia, tobacco, coffee, pyrethrum, winter cereals, tropical/sub-tropical crops, brassicas, *Eucalyptus* and *Pinus* spp., and other forestry trees used in forestry applied either to a weed free soil or to seedling weeds at the 4 to 6 leaf stage.

Surefire Strike 240EC Herbicide applied to well prepared, weed free soil should not be disturbed or incorporated after application. Weed control for up to 6 months can be expected with high label rates, but spot treatment of escape weeds or perennial grasses may be necessary with knockdown herbicides.

When this product is applied to seedling weeds at the 4 to 6 leaf stage, a non-ionic surfactant such as BS-1000 should be added at recommended rates to improve activity, where suggested in the Critical Comments.

This product can also be used at low rates as a 'spike' to improve the weed spectrum of knockdown herbicides such as glyphosate and paraquat or diquat/paraquat mixtures.

**TIMING****Residual Control**

For optimum residual weed control, Surefire Strike 240EC Herbicide should be applied to the soil surface prior to weed emergence after all other agricultural operations have been completed, such as mechanical cultivation and re-shaping of irrigation furrows. The area should be left undisturbed during the time period for which weed control is desired. When applied to seedling weeds, they should be young and actively growing. Weed control for up to 6 months is expected with high label rates but spot treatment, with knockdown herbicides, for escape weeds and perennial grasses may be necessary.

**Post-emergence weed control**

For optimum post-emergence weed control, Surefire Strike 240EC Herbicide + glyphosate tank mixes should be applied to small seedling weeds up to 4-6 true-leaf stage. Use of a non-ionic surfactant such as BS-1000 is recommended to improve activity. Weeds should be actively growing and free from environmental stress (drought, cold, insect attack, nutrient deficiency). Cultivation after treatment and prior to or at planting is beneficial for final fallow weed control.