

CAUTION

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

 OzCrop

Oxyfluorfen 240 EC

HERBICIDE

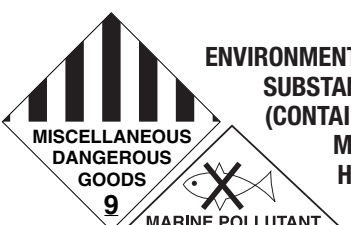
ACTIVE CONSTITUENT: 240 g/L OXYFLUORFEN
SOLVENTS: 530 g/L LIQUID HYDROCARBONS
100 g/L N-METHYL PYRROLIDONE

GROUP **G** HERBICIDE

For the control of selective weed control of broadleaf weeds and some grasses as specified in the Directions for Use table.

PACK SIZES:

5 L, 20 L



UN No. 3082
ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.
(CONTAINS OXYFLUORFEN)
MARINE POLLUTANT
HAZCHEM CODE: 2X
PACKAGING: III

CMS Trade Pty. Ltd.

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| CROP/SITUATION | WEEDS CONTROLLED | TIME OF APPLICATION | RATE | CRITICAL COMMENTS |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pyrethrum – greater than 4 leaves | Blackberry Nightshade (<i>Solanum nigrum</i>), Fumitory (<i>Fumaria</i> spp.), Hogweed (<i>Polygonum aviculare</i>), Sorrel (<i>Rumex acetosella</i>), Volunteer Potato (<i>Solanum tuberosum</i>), Cleavers (<i>Galium aparine</i>), Field Bindweed (<i>Convolvulus arvensis</i>), Groundsel (<i>Senecio vulgaris</i>) | Emerged weeds present | 100 to 150 mL/ha | Apply when pyrethrum growth stage is greater than 4 true leaf. |
| 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 1 st of February and 31 st of March. DO NOT apply later than 25 weeks before harvest. |
| Duboisia | Refer to Weeds Controlled list | Weed free soil | 4 or 8 L/ha | Apply after transplanting of young seedlings or after harvest of mature plants. Use the higher dosage where longer residual control (up to 6 months) is required. “Over-the-top” application will be tolerated. |
| | | Weeds at the 4 to 6 true leaf stage | | Best results are achieved when applied to moist soil free of weeds. However, some 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 non-ionic surfactant, to enhance activity. |
| Tobacco | Refer to Weeds Controlled list | Weed free soil | 4 L/ha | Use to control weeds along spray lines only. DO NOT apply to tobacco crop. Apply to soil after solid-set irrigation system has been laid out in the field. OXYFLUORFEN 240 EC 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 Tryquat 200 is required. Avoid spray drift. |
| Coffee | Refer to Weeds Controlled list | Weed free soil | 2 to 4 L/ha | Apply after transplanting coffee plants or under established bushes. Use the higher rate where longer residual activity (up to 4 months) is required. Best results are achieved when applied to moist soil, free of weeds with follow-up irrigation. |
| | | Weeds at the 2 to 4 true leaf stage | | When seedlings are present, apply as a tank mix with Nuquat 250 to produce both knockdown and residual control. Addition of a non-ionic surfactant 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. |

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|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Onions (seeded) | Blackberry Nightshade (<i>Solenum nigrum</i>) | Hook leaf stage | 50-100 mL/ha | DO NOT exceed 100 mL/ha at the hook leaf stage as excessive crop damage may occur. |
| | Common Catula (<i>Cotula australis</i>), Crowsfoot/Storksbill (<i>Erodium</i> spp.), Deadnettle (<i>Lamium amplexicaule</i>), Docks (<i>Rumex</i> spp.), Fumitory (Pink and White Flowered) (<i>Fumaria</i> spp.), Groundsel (<i>Senecio vulgaris</i>), Hogweed/Wireweed (<i>Polygonum aviculare</i>), Milk Thistle (<i>Sonchus oleraceus</i>), Plantain (<i>Plantago</i> spp.), Sorrel (<i>Rumex acetosella</i>), Potato Weed (<i>Galinsoga paviflora</i>), Volunteer Potato (<i>Solanum tuberosum</i>) | 1½ to 2½ true leaf stage | 350-500 mL/ha | Best results are obtained when the hook leaf stage treatment is followed by a further application of OXYFLUORFEN 240 EC when onions are at the 1½ to 2½ true leaf stage. Apply OXYFLUORFEN 240 EC in at least 100 L/ha water at pressures below 150 kPa. DO NOT exceed 150 kPa pressure because excessive crop damage could result. Multiple treatments may be applied provided the total dose does not exceed 2 L/ha in one season. For control of other weeds, use in a program with other registered herbicides. Note: Can cause flecking, twisting or stunting of onion plants although such symptoms are normally short-lived. DO NOT apply in conditions of very high humidity. DO NOT apply to weeds or crops which are stressed by prevailing weather conditions, disease or mechanical damage. DO NOT use wetting agents or other adjuvants. |
| Tropical and Subtropical Fruit (inedible peel) Avocado, Custard Apple, Kiwi Fruit, Longan, Lychees, Mango, Passionfruit, Pawpaw, Rambutan | Refer to Weeds Controlled list | Weed free soil | 4 L/ha | Best results are obtained when applied to moist soil free of weeds. |
| | | Emerged weeds present | | If weeds are present OXYFLUORFEN 240 EC should be applied as a tank mix with recommended rates of Roundup, Roundup CT, Roundup PowerMAX, Weedmaster DUO, Credit + Bonus, Nufarm glyphosate CT, Spray.Seed 250 or Nuquat 250. |
| Brassica crops Broccoli, Cabbages, Cauliflower | Refer to Weeds Controlled list | Weed free soil | 1.5 to 2 L/ha | Apply OXYFLUORFEN 240 EC 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 OXYFLUORFEN 240 EC. Utilise transplanting techniques which cause minimal soil disturbance. Excessive soil disturbance will lessen herbicide activity. Use the higher rate in situations where weed pressure is known to be heavy. |
| Forestry <i>Eucalyptus</i> spp. <i>Pinus</i> spp. | Refer to Weeds Controlled list | Weed free soil | 3 or 4 L/ha | Apply to weed free soil either before or preferably soon after transplanting. Disturbance of the herbicidal barrier on the soil surface by the transplanting process may reduce the length of weed control. Use higher rate for longer residual control. Apply as a directed or over-the-top spray. OXYFLUORFEN 240 EC may be tank mixed with Simazine 900DF to extend the spectrum and length of weed control. Application to foliage that is soft and has not hardened off and/or if temperatures exceed 20°C may increase the likelihood of foliar damage to trees, Eucalypts especially. OXYFLUORFEN 240 EC has been found to be safe to commonly planted species used in forestry. Sensitivity of less common species should be checked prior to large scale application. |

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|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Forestry <i>Eucalyptus</i> spp. <i>Pinus</i> spp. – continued | Refer to Weeds Controlled list | Weeds at the 4 to 6 true leaf stage | 3 or 4 L/ha | Apply as an over-the-top spray to Eucalypts and pines. Best results are achieved when applied to moist soil free of weeds. However, some newly germinated small seedling grasses and broadleaf weeds (4 to 6 true leaves) will be controlled at these rates. Addition of a non-ionic surfactant at recommended rates will improve activity. Established weeds must be eliminated prior to application. OXYFLUORFEN 240 EC may be tank mixed with Simazine 900 WG to extend the spectrum and length of weed control. Application to foliage that is soft or has not hardened off and/or if temperatures exceed 20°C may increase the likelihood of foliar damage to trees, Eucalypts especially. OXYFLUORFEN 240 EC has been found to be safe to commonly planted species used in forestry. Sensitivity of less common species should be checked prior to large scale application. |
| Forestry Trees | Broadleaf weeds and grasses | Weeds at the 4 to 6 true leaf stage | 4 L/ha or 4 mL/10 m ² | 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. |
| Prior to Sowing Winter cereals, Cotton | Refer to Roundup, Roundup CT, Roundup PowerMAX, Weedmaster Duo, Credit + Bonus label | Apply as a tank mix with glyphosate products to actively growing emergent weeds | 75 mL/ha plus Roundup, Roundup CT, Roundup PowerMAX, Weedmaster Duo, Credit + Bonus at recommended label rates | Addition of OXYFLUORFEN 240 EC to glyphosate products will improve knockdown and increase the speed at which 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 Marshmallow (<i>Malva parviflora</i>). For rates refer to the appropriate label. Read and follow all label directions. |

WHEN USING OXYFLUORFEN 240 EC WITH OTHER HERBICIDES, REFER TO THE APPROPRIATE LABEL AND READ AND FOLLOW ALL LABEL DIRECTIONS.

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

WITHHOLDING PERIODS:

GRAZING: DO NOT GRAZE TREATED WEEDS.

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

WEEDS CONTROLLED BY OXYFLUORFEN 240 EC HERBICIDE**INCLUDE THE FOLLOWING:**

Amsinckia (*Amsinckia* spp.)
Barley Grass (*Hordeum leporinum*)
Barnyard Grass (*Echinochloa* spp.)
Blackberry Nightshade (*Solanum nigrum*)
Bladder Ketmia (*Hibiscus trionum*)
Burrgrass (*Cenchrus australis*)
Caltrop (*Tribulus terrestris*)
Capeweed (*Arctotheca calendula*)
Chickweed (*Stellaria media*)
Crowsfoot Grass (*Eleusine indica*)
Deadnettle (*Lamium amplexicaule*)
Fat Hen (*Chenopodium album*)
Giant Pigweed (*Trianthera portulacastrum*)
Liverseed Grass (*Urochloa panicoides*)
Lovegrass (*Eragrostis* spp.)
Pigeon Grass (*Setaria* spp.)
Pigweed (*Portulaca oleracea*)
Prickly Lettuce (*Lactuca* spp.)
Red Natal Grass (*Rhynchelytrum repens*)
Redshank (*Amaranthus cruentus*)
Ryegrass (*Lolium* spp.)
Sesbania Pea (*Sesbania cannabina*)
Shepherd's Purse (*Capsella bursa-pastoris*)
Smallflower Mallow (*Malva parviflora*)
Soursob (*Oxalis pes-caprae*)
Sowthistle (*Sonchus oleraceus*)
Starburr (*Acanthospermum hispidum*)
Stinkgrass (*Eragrostis cilianensis*)
Summer Grass (*Digitaria* spp.)
Thornapple (*Datura stramonium*)
White Eye (*Richardia brasiliensis*)
Wild Mustard (*Sisymbrium* spp.)
Wild Radish (*Raphanus raphanistrum*)
Wireweed (*Polygonum aviculare*)

SEEDLINGS (LESS THAN 4 TRUE LEAF)**WEEDS CONTROLLED BY OXYFLUORFEN 240 EC HERBICIDE****INCLUDE THE FOLLOWING:**

Amsinckia (*Amsinckia* spp.)
Bellvine (*Ipomoea* spp.)
Capeweed (*Arctotheca calendula*)
Common Cotula (*Cotula australis*)
Crowsfoot Grass (*Eleusine indica*)
Deadnettle (*Lamium amplexicaule*)
Groundsel (*Senecio vulgaris*)
Liverseed Grass (*Urochloa panicoides*)
Marshmallow (*Malva parviflora*)
Pigweed (*Portulaca oleracea*)
Potato Weed (*Galinsoga parviflora*)
Redshank (*Amaranthus cruentus*)
Shepherd's Purse (*Capsella bursa-pastoris*)
Sowthistle (*Sonchus oleraceus*)
Stinging Nettle (*Urtica urens*)
Stinkgrass (*Eragrostis cilianensis*)
Wild Radish (*Raphanus raphanistrum*)

GENERAL INSTRUCTIONS

OzCrop OXYFLUORFEN 240 EC 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, dubosia, tobacco, coffee, pyrethrum, winter cereals, tropical/sub tropical crops, brassicas, onions, *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 true leaf stage.

OXYFLUORFEN 240 EC 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, but spot treatment with knockdown herbicides, of escape weeds and perennial grasses may be necessary. When OXYFLUORFEN 240 EC is applied to seedling weeds at the 4 to 6 true leaf stage a non-ionic surfactant such as Activator* Surfactant or BS1000* Bio degradable surfactant should be added at recommended rates to improve activity.

OXYFLUORFEN 240 EC can also be utilised at low rates to improve the weed spectrum of knockdown herbicides.

Dubosia seedlings and mature plants will tolerate "over the top" applications. Eucalypt and pine transplants and established trees can tolerate "over the top" applications.

RESISTANT WEEDS WARNING

OzCrop OXYFLUORFEN 240 EC Herbicide is a member of the Diphenyl ether group **GROUP G HERBICIDE** of herbicides. The mode of action of OXYFLUORFEN 240 EC is to inhibit protoporphyrinogen oxidase. For weed resistance management OXYFLUORFEN 240 EC is a Group G Herbicide. Some naturally occurring weed biotypes resistant to OXYFLUORFEN 240 EC and other Group G herbicides may exist through normal genetic variability in any weed population. The resistant weeds can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by OXYFLUORFEN 240 EC or other Group G herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, CMS TRADE Pty. Ltd. accepts no liability for any losses that may result from the failure of OXYFLUORFEN 240 EC to control resistant weeds.

TIMING

For optimum residual weed control, OXYFLUORFEN 240 EC 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 by spot treatment, with knockdown herbicides, for escape weeds and perennial grasses may be necessary.

MIXING

Shake well before use. When using OXYFLUORFEN 240 EC alone, fill the spray tank at least one-third full with clean water, add the recommended amount of OXYFLUORFEN 240 EC 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 minimise foaming.

When tank mixing with Surflan 500 or Devrinol, add to one-third filled tank, then the OXYFLUORFEN 240 EC during the filling operation. Maintain agitation during mixing and until spraying is completed. When tank mixing with Roundup, Roundup CT, Roundup PowerMAX, Weedmaster Duo, Credit + Bonus, Nufarm Glysophate CT, Spray.Seed 250 or Nuquat 250, add these after OXYFLUORFEN 240 EC during the filling operation.

When using OXYFLUORFEN 240 EC in mixtures always refer to the appropriate label and read and follow all label directions.

APPLICATION

OXYFLUORFEN 240 EC should be applied as a ground spray directed at the base of crop plants. The spray mixture 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 surface 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

OXYFLUORFEN 240 EC may be applied as directed spray around dormant peach, plum, apricot, almond, apple and pear trees and grape vines 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 OXYFLUORFEN 240 EC once budswell has occurred when using rates greater than 1.0 L/ha.

Duboisia seedlings and mature plants will tolerate "over-the-top" applications of OXYFLUORFEN 240 EC.

When using the 75 mL/ha rate, OXYFLUORFEN 240 EC may be applied as directed spray prior to sowing winter cereals.

COMPATIBILITY

OXYFLUORFEN 240 EC is compatible with Credit*, Bonus*, Devrinol*, Gramoxone*, Nuquat* 250, Reglone*, Roundup*, Roundup* CT, Roundup* PowerMAX*, Spray.Seed*, Surflan* 500, Touchdown*, Weedmaster* Duo and Tryquat* 200.

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 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. 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

For refillable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

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 131126. If swallowed, DO NOT induce vomiting. Give a glass of water.

MSDS

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for OXYFLUORFEN 240 EC is available from CMS TRADE on request. Call Customer Service on (02) 9369 5724.

CONDITIONS OF SALE: The use of OzCrop OXYFLUORFEN 240 EC Herbicide being beyond the control of the manufacturer, no warranty expressed or implied is given by CMS TRADE Pty. Ltd., regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and CMS TRADE Pty. Ltd. accepts no responsibility for any consequence whatsoever from the use of this product.

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