

Read the label before opening the container.

For Full particulars, see enclosed leaflet.

Oxyfen



South Africa Reg.No: L 7663 Act No. 36 of 1947

An emulsifiable concentrate herbicide to control a variety of annual broadleaf and grass weeds in crops and forestry as listed.

HRAC HERBICIDE GROUP CODE: E

ACTIVE INGREDIENT:

Oxyflourfen (diphenyl ether)..... 240 g/ℓ

Product Information Tel no: 082 801 6759
In case of poisoning: 082 446 8946

www.enviro-crop.co.za



Batch No:
Date of Manufacture:

Registration holder:
Erintrade cc t/a RT Chemicals
CK2001/036403/23
10 Ninth Avenue, Industria, Kroonstad, 9500
TEL: (056) 213 1967

03012005-09/12



WARNINGS

- Handle with care.
- Irritating to eyes and skin.
- Harmful if swallowed.
- Keep out of reach of children, uninformed persons and animals.
- Store under lock and key, in a cool place, away from food and feedstuffs.
- Toxic to fish. Prevent contamination of dams and rivers.
- **Flammable** - Keep away from heat and flame.
- **Re-entry**: Do not enter the treated field until the spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be effected by factors such as abnormal soil, climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest against the remedy concerned as well as by the method, time and accuracy of the application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions, which could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.

PRECAUTIONS

- Do not inhale fumes or spray mist.
- Wear protective clothing when handling the concentrate (eye protection, rubber boots, gloves).
- In case of accidental contact with eyes, wash with clean water for at least 15 minutes.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container.
- Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.

RESISTANCE WARNING

For resistance management **OXYFEN** is a group code E herbicide. Any weed population may contain individuals naturally resistant to **OXYFEN** and other group code E herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. **OXYFEN** or any other group code E herbicide may not control these resistant weeds. To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code.
- Alternate or tank mix with products from different herbicide group codes.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.

For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE: Use only as directed.

- **OXYFEN** should be applied by tractor-mounted boom sprayer or knapsack sprayer equipped with Teejet flat fan-nozzles which should deliver the spray mixture per hectare at a pressure of 100 to 200 kPa.
- Ensure the mixture is agitated during mixing and spraying.
- Ensure the sprayer is correctly calibrated.
- Ensure a uniform distribution of spray material on the target area.
- Ensure application onto a clean soil surface free of clods and dead plant material.

- Apply to damp soil, ensuring that the soil does not dry out at any stage.
- Beware of inadequate surface soil moisture where drip irrigation is practised.
- **OXYFEN** must not be used in conjunction with any other weed killer as crop injury may result. Cultivation after application will reduce weed control.
- Ensure a thorough and deep ploughing of soil previously treated with **OXYFEN** before planting any follow-up crops.
- Allow a period of 2 months for each 1,0 l applied to elapse before planting a follow up annual crop.
- Do not treat direct seeded crops, sown on soil treated with **OXYFEN**, with acetamide herbicides.

CROP	DOSAGE RATE	REMARKS
TRANSPLANTED ONIONS		Some onion cultivars may show some injury after application. This is temporary and recovery will take place. Immediately follow applications of OXYFEN with thorough irrigation. Apply only to plants that have reached 2 to 3 leaf growth stage.
Long season cultivars	3 l in 350 l water/ha	Apply directly after transplanting.
	OR 1,5 l + 1,5 l in 350 l water/ha	Split application: Apply first spray directly after planting and follow up with a second spray at the same rate 4 weeks later.
Short season cultivars	1 l + 1 l in 350 l water/ha	For broadleaf weeds only. Split application: Apply first spray directly after planting and apply a second spray 4 weeks later.
	OR 1,5 l + 1,5 l in 350 l water/ha	For grasses and broadleaf weeds. Split application: Apply first spray directly after planting and apply a second spray 4 weeks later.
ONIONS For Seed Production (Hybrids)	3 l in 350 l water/ha	Apply immediately after planting of female bulbs.
	OR 1,5 l + 1,5 l in 350 l water/ha	Split application: Apply first spray directly after planting and apply a second spray 4 weeks later.
DIRECT SEEDED ONIONS (Karoo Region)	3 l in 350 l water/ha	For use on Caledon Globe and Australian Brown cultivars only. Apply in the 3 to 4 leaf stage to a clod and weed free surface.
DIRECT SEEDED ONIONS (Summer Rainfall Regions)	1 l – 1,5 l in 350 l water/ha	Apply on direct seeded onions only after seedlings have developed 2 fully expanded leaves. Weeds more advanced than the 2 to 3 leaf stage or under stress may not be satisfactorily controlled. If weed pressure remains high, apply a further application of 1,5 l per ha 4 to 6 weeks later. Use a lower rate on less hardy cultivars.
Post-emergence		

CROP	DOSAGE RATE	REMARKS
GARLIC	3 ℓ in 350 ℓ water/ha	Apply immediately after planting. OXYFEN may cause scorch under cold and damp conditions or late emergence due to high soil temperature may also cause scorch.
BRASSICAE	2 - 3 ℓ in 350 ℓ water/ha	<p>Where grasses are less problematic and/or a 2 month residual effect is required, use the lower rate.</p> <p>Apply to fields where soil surface is well prepared and free of clods, as a pre-plant overall treatment. Transplant brassica crops into treated soil 7 to 10 days after application. Irrigate immediately after planting. Beware of leaf scorch, which is of a temporary nature. Do not apply OXYFEN after transplanting as this will cause severe damage.</p> <p>Do not use where a machine is used for transplanting or during the cool months of the year.</p> <p><u>Broccoli</u>: Do not treat late or unseasonal plantings.</p> <p>Use on the following cultivars: <u>Broccoli</u>: Green Sprouting Calabrese, Late Corona. <u>Brussels Sprouts</u>: Jade Cross, Long Island <u>Cabbage</u>: Bonanza, Cape Spitz, Drum Head, Gloria Osená, Glory of Enkhuizen, Green Coronette, Hercules, NS Cross, Rodelle, Rolan, Shamrock <u>Cauliflower</u>: Couchamp, Igloo, Snowking, Snowcrown, Snow February.</p>
FORESTRY		Ensure no leaf contact with OXYFEN for all crops. Apply to a soil surface free of weeds and clods. Beware of leaf scorch, which is of a temporary nature and will not affect further growth. Avoid contact and/or vapour damage to non-target crops.
PINES	3 ℓ in 400 ℓ water/ha	Pre-emergence weed control in seedbeds, container stock and transplants of <i>Pinus elliotti</i> , <i>Pinus taeda</i> en <i>Pinus patula</i> .
Pre-emergence: Seedlings		Apply to seedbeds immediately after sowing.
Post-emergence: Seedlings, Transplants & Container stock	3 ℓ in 400 ℓ water/ha	Apply to seedlings 10 to 12 weeks after sowing as well as to older plants. Apply before bud-break.
EUCALYPTUS	3 ℓ in 400 ℓ water/ha	Apply to soil surface prior to transplanting of seedlings.
Pre-plant		
Post-plant	3 ℓ in 400 ℓ water/ha	Apply within 4 days of transplanting and prior to weed emergence. Apply to plantings of <i>Eucalyptus grandis</i> , <i>Eucalyptus nitens</i> en <i>Eucalyptus macarthurii</i> . Beware of scorch on seedlings, which is of a temporary nature, provided seedlings are disease free.

Weeds Controlled by OXYFEN:

Annual Broadleaf Weeds:

Red pigweed	<i>Amaranthus thunbergii</i>
Thorny pigweed	<i>Amaranthus spinosus</i>
Common pigweed	<i>Amaranthus hybridus</i>
Perennial pigweed	<i>Amaranthus deflexus</i>
Pimpernel	<i>Anagallis arvensis</i>
Cape marigold	<i>Arctotheca calendula</i>
White flowered Mexican poppy	<i>Argemone subfusiformis</i>
Shepherd's purse	<i>Capsella bursa-pastoris</i>
White goosefoot	<i>Chenopodium album</i>
Green goosefoot	<i>Chenopodium carinatum</i>
Large thorn apple	<i>Datura ferox</i>
Thorn apple	<i>Datura stramonium</i>
Spiny emex	<i>Emex australis</i>
Fumitory	<i>Fumaria muralis</i>
Gallant soldier	<i>Galinsoga parviflora</i>
Bur clover	<i>Medicago polymorpha</i>
Evening primrose	<i>Oenothera stricta</i>
Narrow leaved ribwort	<i>Plantago lanceolata</i>
Prostrate knotweed	<i>Polygonum aviculare</i>
Purslane	<i>Portulaca oleracea</i>
Common wild radish	<i>Raphanus raphanistrum</i>
Dwarf marigold	<i>Schkuhria pinnata</i>
Gunpowder weed	<i>Silene gallica</i>
Common wild mustard	<i>Sisymbrium thellungii</i>
Sowthistle	<i>Sonchus oleraceus</i>
Corn spurry	<i>Spergula arvensis</i>
Chickweed	<i>Stellaria media</i>
Khaki weed	<i>Tagetes minuta</i>

Annual Grass Weeds:

Common wild oats	<i>Avena fatua</i>
Crab finger grass	<i>Digitaria sanguinalis</i>
Jungle rice	<i>Echinochloa colona</i>
Barnyard grass	<i>E. crus-galli</i>
Goose grass	<i>Eleusine indica</i>
Italian ryegrass	<i>Lolium multiflorum</i>
Winter grass	<i>Poa annua</i>

Weeds control by OXYFEN as a post-emerge treatment (2 to 3 leaf stage) at 1 to 1.5 l/ha:

Perennial pigweed	<i>Amaranthus deflexus</i>
Shepherd's purse	<i>Capsella bursa-pastoris</i>
Green goosefoot	<i>Chenopodium carinatum</i>
Large thornapple	<i>Datura ferox</i>
Jungle rice	<i>Echinochloa colonum</i>
Bur clover	<i>Medicago polymorpha</i>
Purslane	<i>Portulaca oleracea</i>
Dwarf marigold	<i>Schkuhria pinnata</i>