Product Name: CONQUEST ENCORE 240 HERBICIDE

APVMA Approval No: 58835/141362



Label Name:	CONQUEST ENCORE 240 HERBICIDE
Signal Headings:	CAUTION
	KEEP OUT OF REACH OF CHILDREN
	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent	240 g/L OXYFLUORFEN
Statements:	108 g/L N-METHYLPYRROLIDONE
	606 g/L LIQUID HYDROCARBON

Mode of Action:			
	GROUP	14	HERBICIDE

Statement of Claims: For the selective control of certain broadleaf and grass weeds as per the Directions for use.

Net Contents: 1 L - 1000 L

### Restraints:

DO NOT disturb weeds by cultivation or 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.

If applying to weed seedlings, DO NOT disturb weeds by cultivation or 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.

# SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.

Directions for Use:

This section contains file attachment.

Other Limitations:

Withholding Periods:

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED

GRAZING: DO NOT ALLOW LIVESTOCK TO GRAZE TREATED WEEDS

Trade Advice:

General Instructions:

This section contains file attachment.

Resistance Warning:

RESISTANT WEEDS WARNING

**GROUP 14 HERBICIDE** 

Conquest Encore 240EC Herbicide is a member of the diphenyl ether group of herbicides. The mode of action of Conquest Encore 240EC Herbicide is to inhibit protoporphyrinogen oxidase. For weed resistance management Conquest Encore 240EC Herbicide is a Group 14 herbicide. Some naturally occurring weed biotypes resistant to Conquest Encore 240EC Herbicide and other Group 14 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 resistant weeds will not be controlled by Conquest Encore 240EC Herbicide or other Group 14 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Conquest Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of Conquest Encore 240EC Herbicide to control resistant weeds.

Precautions:

Protections:

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 watercourses 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:

### STORAGE AND DISPOSAL

#### KEEP OUT OF REACH OF CHILDREN

Store in the closed, original container in a cool, well-ventilated area. Store above 5°C. DO NOT store for prolonged periods in direct sunlight. DO NOT store near food, feedstuffs, fertilizers and seeds. Triple 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 for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty containers 500mm 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 the empty containers or product.

## SMALL SPILL MANAGEMENT

Wear protective equipment (see SAFETY DIRECTIONS section). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary, wash the spill area with an alkali detergent and water and absorb, as above, the wash liquid for disposal.

## Safety Directions:

### SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will damage eyes. Will irritate the nose, throat, and skin. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When using together with other products, consult their label safety directions. When opening the container, preparing spray, and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length butyl rubber gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use, wash gloves and face shield or goggles and contaminated clothing.

First Aid Instructions:

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.

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# **DIRECTIONS FOR USE**

CROP	WEEDS	TIME OF	RATE	CRITICAL COMMENTS
Tree fruit, Nuts and Vines not less than 3 years old  DORMANT APPLICATION Almonds Apples Apricots Grapevine Macadamias Peaches Plums Pears Pecans Walnuts	Refer to Weeds Controlled list	Weed free soil  Weeds at 4-6 true leaf stage	3 or 4 L/ha	DO NOT apply once budswell has occurred. Apply to freshly cultivated weed free soil. Use higher rate for longer residual control (up to 4 months). Where grass weeds are expected to be the major problem, or when control of a wider weed spectrum is needed, mix the lower rate with 4.5 L Oryzalin (500g/L) or 4.5kg Oryzalin (500g/kg) per treated hectare. Read and follow all label directions.  DO NOT apply once budswell has occurred. Use higher rate for longer residual control (up to 4 months). When light infestations of weeds are present, apply as a tank mix with Conquest Glyphosate to give both knockdown and residual control.  Read and follow all label directions.  Where weed growth is large and dense weeds must be eliminated prior to application by using glyphosate or mechanical.  Macadamias: 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
Almonds Apples Apricots Grapevine Macadamias Peaches Plums Pears Pecans Walnuts	Refer to Spray Conquest Explode 250 Herbicide and Sanction 200 Non- Residual Herbicide labels	Emerged weeds present	250mL plus Conquest Explode 250 Herbicide or Sanction 200 Non-Residual Herbicide at recommended label rates OR 25 to 30 mL/100L plus Conquest Explode 250 Herbicide or Sanction 200 Non-Residual Herbicide at recommended label rates	stem. DO NOT apply to nuts on the ground.  The addition of Conquest Encore 240 Herbicide to Conquest Explode 250 Herbicide or Sanction 200 Non-Residual Herbicide will improve control of small flowered mallow, evening primrose and other weeds sensitive to Encore 240.  Apply as a tank mix with Conquest Explode 250 Herbicide or Sanction 200 Non-Residual Herbicide, refer to the appropriate label and follow all label directions.
Almonds Apples Apricots Grapevine Macadamias Peaches Plums Pears Pecans Walnuts	Refer to Glyphosate label	Apply as a tank mix with glyphosate products	75 mL/ha plus glyphosate at recommended label rates	Addition of Conquest Encore 240 Herbicide 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 spp.</i> , and Marshmallow, <i>Malva parviflora</i> . For rates refer to the appropriate label. Read and follow all label directions. DO NOT apply the tank mix of glyphosate and Conquest Encore 240 Herbicide near trees or vines less than 3 years old unless they are effectively shielded from spray and spray drift.

Pyrethrum –	Blackberry	Emerged weeds	100 – 150	Apply when pyrethrum growth stage is greater than 4
greater than 4 leaf	nightshade (Solanum nigrum) Fumitory (Fumaria spp.) Hogweed (Polygonum aviculare) Sorrel (Rumex acetosella) Volunteer potato (Solanum tuberosum) Cleavers (Galium aparine) Field Bindweed (Convolvulus vulgaris) Groundsel (Senecio vulgaris)	present	mL/ha	true leaf.
Pyrethrum –	As above plus	Emerged weeds	200 mL to	Apply when pyrethrum is greater than 100 mm rosettes.
established crops, greater than 1 year old	Sow Thistle (Sonchus spp) Spear Thistle (Cirsium vulgare)	present	4 L/ha	Apply rates of greater than 1.0 L/ha ONLY between 1st of February and 31st of March.  DO NOT apply later than 25 weeks before harvest.
Duboisia	Refer to Weeds Controlled List	Weed free soil  Weeds at 4 to 6 true leaf stage	4 or 8 L	Apply after transplantation of young seedlings or after harvest of mature plants. Use higher rate where longer residual control (up to 6 months) is required. "Over-the-top" application will be tolerated.  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 such as Conquest Wetter 1000
				Surfactant at recommended rates will improve activity. Established weeds must be eliminated prior to application by mechanical means.
Tobacco	Refer to weeds Controlled List	Weed free soil	4 L	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. Conquest Encore 240 Herbicide should be applied to moist soil. Where very small weeds (2 to 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/ha Sanction 200 Non-Residual Herbicide is required. Avoid spray drift.
Coffee	Refer to weeds Controlled List	Weed free soil	2 to 4 L	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 2 to 4 true leaf stage		When seedlings are present, apply as a tank mix with Conquest Explode 250 Herbicide to produce both knockdown and residual control. Addition of a non-ionic surfactant such as Conquest Wetter 1000 at 150 mL/100L or Activator Surfactant at 125 mL/100L 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.

Onion	Blackberry	Hook leaf stage	50 to 100	Do not exceed 100 mL/ha at the hook leaf stage as
(seeded)	Nightshade (Solanum nigrum)	S	mL/ha	excessive crop damage may occur.
	Common Cotula (Cotula australis) Crowsfoot/ Storksbill (Erodium spp.) Deadnettle (Lamium amplexicaule) Docks (Rumex spp.) Fumitory (Pink and white flowered) (Fumaria spp.) Groundsel (Senecio vulgaris) Hogweed/ Wireweed (Polygonum aviculare) Milk Thistle (Sonchus oleraceus) Plantain (Plantago spp.) Sorrel (Rumex acetosella) Potato weed (Galinsoga parviflora) Volunteer potato (Solanum tuberosum)	1½ to 2½ leaf stage	350 – 500 mL/ha	Best results are obtained when the hook leaf stage treatment is followed by a further application of Conquest Encore 240 Herbicide when onions are at the 1½ to 2½-leaf stage.  Apply Conquest Encore 240 Herbicide in at least 100 L/ha water at pressures below 150 kPa.  DO NOT exceed 150 kPa 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) Custard Apple	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.  If weeds are present Conquest Encore 240 Herbicide should be applied as a tank mix with the recommended
Kiwi Fruit Longan Lychees Mango Passionfruit Pawpaw Rambutan				rates of Glyphosate Conquest Explode 250 Herbicide or Sanction 200 Non-Residual Herbicide.
Brassica Crops Broccoli Cabbages Cauliflower	Refer to Weeds Controlled List	Weed free soil	1.5 to 2 L/ha	Apply Conquest Encore 240 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 Encore 240. 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 – Eucalyptus spp. Pinus spp.	Refer to Weeds Controlled List	Weeds at 4 – 6 true leaf stage	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 transplantation process may reduce the length of weed control. Use higher rate for longer residual control. Apply as a directed or over-the-top spray.  Conquest Encore 240 Herbicide may be tank mixed with Conquest Simaquest 900 WG Herbicide 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. Conquest Encore 240 Herbicide 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.  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 such as Conquest Wetter 1000 at recommended rates will improve activity. Established weeds must be eliminated prior to application. Conquest Encore 240 Herbicide may be tank mixed with Conquest Simaquest 900 WG Herbicide 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. Conquest Encore 240 Herbicide has been found to be safe to commonly planted species used in
Forestry Trees	Broadleaf weeds and grasses	Weeds at 4 – 6 true leaf stage	4 L/ha or 4 mL/10 m²	forestry. Sensitivity of less common species should be checked prior to large-scale application.  For the establishment of trees for approved farm practices such as windbreaks, erosion control, woodlots and forestry planting. 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 Prior to sowing Cotton	Refer to Glyphosate label	Apply as a tank mix with glyphosate products	75 mL/ha plus glyphosate at recommended label rates	Addition of Conquest Encore 240 Herbicide 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 spp.</i> , and Marshmallow, <i>Malva parviflora</i> .  For rates refer to the appropriate label. 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.

# Weeds controlled by Conquest Encore 240 Herbicide include the following:

WEEDS CONTROLLED					
BEFORE	SEEDLINGS				
Amsinckia Amsinckia spp.	Prickly lettuce Lactuca spp.	Amsinckia Amsinckia spp.			
Barley grass Hordeum leporinum	Red natal grass Rhynchelytrum repens	Bellvine Ipomoea spp.			
Barnyard grass Echinochloa spp.	Redshank Amaranthus cruentus	Capeweed Arctoteca calendula			
Blackberry nightshade Solanum nigrum	Ryegrass Lolium spp.	Common Cotula Cotula australis			
Bladder ketmia Hibiscus trionum	Sesbania pea Sesbania cannabina	Crowsfoot grass Eleusine indica			
Burrgrass Cenchrus australis	Shepherd's purse Capsella bursa- pastoris	Deadnettle Lamium amplexicaule			
Caltrop Tribulus terrestris	Smallflower mallow Malva parviflora	Groundsel Senecio vulgaris			
Capeweed Arctoteca calendula	Soursob Oxalis pes-caprae	Liverseed grass Urochloa panicoides			
Chickweed Stellaria media	Sowthistle Sonchus oleraceus	Marshmallow Malva parviflora			
Crowsfoot grass Eleusine indica	Starburr Acanthospermum hispidum	Pigweed Portulaca oleracea			
Deadnettle Lamium amplexicaule	Stinkgrass Eragrostis cillanensis	Potato weed Galinsoga parviflora			
Fat hen Chenopodium album	Summer grass Digitaria spp.	Redshank Amaranthus cruentus			
Giant pigweed Trianthema	Thornapple Datura stramonium	Shepherd's purse Capsella bursa-			
portulacastrum		pastoris			
Liverseed grass	White eye Richardia brasiliensis	Sowthistle Sonchus oleraceus			
Urochloa panicoides					
Lovegrass Eragrostis spp.	Wild mustard Sisymbrium spp.	Stinging nettle Urtica urens			
Pigeon grass Setaria spp.	Wild radish Raphanus raphanistrum	Stinkgrass Eragrostis cilianensis			
Pigweed Portulaca oleracea	Wireweed Polygonum aviculare	Wild radish Raphanus raphanistrum			

### **GENERAL INSTRUCTIONS**

Conquest Encore 240 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.

Conquest Encore 240 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, but spot treatment with knockdown herbicides, of escape weeds are perennial grasses may be necessary.

When Conquest Encore 240 Herbicide is applied to seedling weeds at the 4 to 6 true leaf stage a non-ionic surfactant such as Conquest Wetter 100 surfactant should be added at recommended rates to improve activity.

Conquest Encore 240 Herbicide can also be utilised at low rates to improve the weed spectrum of knockdown herbicides.

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

When using Conquest Encore 240 Herbicide in combination with other herbicides, refer to the appropriate label and read and follow all label directions.

# **TIMING**

For optimum residual weed control, Conquest Encore 240 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 reshaping of irrigation furrows. The area should be left undisturbed during the period of desired weed control. When applied to seedling weeds, they should be young and actively growing. Weed control for up to 6 months is expected but spot treatment, with knockdown herbicides, for escape weeds and perennial grasses may be necessary.

# **MIXING**

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

When tank mixing with Oryzalin, add to one-third filled tank, then the Conquest Encore 240 Herbicide during

the filling operation. Maintain agitation during mixing and until spraying is completed.

When tank mixing with Glyphosate, Conquest Explode 250 Herbicide, add these after Conquest Encore 240 Herbicide during the filling operation.

When using Conquest Encore 240 Herbicide in mixtures always refer to the appropriate label and read and follow all label directions.

### **APPICATION**

Conquest Encore 240 Herbicide should be applied as a ground spray directed at the base of the 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**

Conquest Encore 240 Herbicide may be applied as directed around dormant peach, plum, apricot, almond, apple and xpear 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 Conquest Encore 240 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 Encore 240. When using the 75-mL/ha rate, Conquest Encore 240 Herbicide may be applied as directed prior to sowing winter cereals.

### **COMPATIBILITY:**

This product is compatible with Glyphosate, Conquest Explode 250 Herbicide, Oryzalin and Conquest Sanction 200 Non-Residual Herbicide.