



Product Name: OZCROP OXYFLUORFEN 240 EC HERBICIDE

APVMA Approval No: 62699/127717

Label Name:	OZCROP OXYFLUORFEN 240 EC HERBICIDE
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENT: 240 g/L OXYFLUORFEN SOLVENTS: 530 g/L HYDROCARBON LIQUID 100 g/L N-METHYLPYRROLIDONE
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Mode of Action:	GROUP <b>G</b> HERBICIDE
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Statement of Claims:	FOR THE CONTROL OF SELECTIVE BROADLEAF WEEDS AND SOME GRASSES AS SPECIFIED IN THE DIRECTIONS FOR USE TABLE.
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Net Contents:	20L 5L 10L
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Restrains:	
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Directions for Use:	
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Other Limitations:	
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Withholding Periods:	GRAZING: DO NOT GRAZE TREATED WEEDS HARVEST: NOT REQUIRED WHEN USED AS DIRECTED
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Trade Advice:	
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General Instructions:	
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Resistance Warning:	<p><b>GROUP G HERBICIDE</b></p> <p>OzCrop OXYFLUORFEN 240 EC Herbicide is a member of the Diphenyl ether group 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, Ozcrop Pty. Ltd. accepts no liability for any losses that may result from the failure of OXYFLUORFEN 240 EC to control resistant weeds.</p>
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Precautions:	
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Protections:	<p><b>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</b> DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby water bodies, susceptible plants/crops, cropping lands or pastures.</p> <p><b>PROTECTION OF LIVESTOCK</b> Use with care when applying in areas frequented by stock.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b> 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.</p>
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Storage and Disposal:	<p>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.</p> <p>For refillable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.</p>
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Safety Directions:	<p>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</p>
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	immediately with water. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre, Phone Australia 131126. If swallowed, DO NOT induce vomiting. Give a glass of water.
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First Aid Warnings:	
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**DIRECTIONS FOR USE:**

CROP	WEEDS CONTROLLED	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
<b>Tree fruit, Nuts and Vines not less than 3 years old</b>  <b>DORMANT APPLICATION</b> Almonds, Apples, Apricots, Grapevine, Macadamias, Peaches, Pears, Pecans, Plums, Walnuts	Refer to Weeds Controlled list	Weed free soil	3 or 4L/ha	DO NOT apply OXYFLUORFEN 240 EC once bud swell has occurred. 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 Surflan 500 per treated hectare. Refer to individual product labels for crops, rates, States and weeds controlled.
		Weeds at 4-6 true leaf stage		DO NOT apply OXYFLUORFEN 240 EC once budswell has occurred. 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 Nuquat* 250, Spray.Seed* 250, Reglone*, Tryquat* 200, Roundup*, Roundup* CT, Roundup* PowerMAX, Weedmaster Duo*, Credit* + Bonus* to give both knockdown and residual control. Refer to individual product labels for rates. Addition of a non-ionic surfactant should be used in the spray mixture at label rates. Mature, established weeds must be eliminated prior to application by mechanical or chemical means prior to application. 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 stem. DO NOT apply to nuts on the ground.
	Annual Weeds Refer to Weeds Controlled list and Roundup, Roundup CT, Roundup PowerMAX, Weedmaster Duo, Credit plus Bonus label	Apply as a tank mix with glyphosate products to actively growing emerged weeds	75 mL/ha plus Roundup, Roundup CT, Roundup PowerMAX, Weedmaster Duo, Credit plus 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 products applied alone) and give control Annual Nettles ( <i>Urtica</i> spp.) and Marshmallow ( <i>Malva parviflora</i> ). For rates of refer to the appropriate label. Read and follow all label directions. DO NOT apply the tank mix of glyphosate and OXYFLUORFEN 240 EC near trees or vines less than 3 years old unless they are effectively shielded from spray and spray drift.
Most annual grasses and broadleaf weeds Refer to Weeds Controlled list and Spray.Seed* 250 or Tryquat* 200 labels	Emerged weeds present	250 mL plus Spray.Seed 250 or Tryquat 200 at recommended label rates OR 25 to 30 mL/100 L plus Spray.Seed 250 or Tryquat 200 at recommended label rates	The addition of OXYFLUORFEN 240 EC to Spray.Seed 250 or Tryquat 200 will improve control of small flowered mallow, evening primrose and other weeds sensitive to OXYFLUORFEN 240 EC. Apply as a tank mix with Spray.Seed 250 or Tryquat 200, refer to the appropriate label and follow all label directions.	
<b>Pyrethrum - greater than 4 leaves</b>	Blackberry nightshade ( <i>Solanum nigrum</i> ), Cleavers ( <i>Galium aparine</i> ), Field Bindweed ( <i>Convolvulus vulgaris</i> ), Fumitory ( <i>Fumaria</i> spp.), Groundsel ( <i>Senecio vulgaris</i> ), Hogweed ( <i>Polygonum aviculare</i> ), Sorrel ( <i>Rumex acetosella</i> ), Volunteer potato ( <i>Solanum tuberosum</i> )	Emerged weeds present	100 to 150mL/ha	Apply when pyrethrum growth stage is greater than 4 true leaf.
			200mL to 4L/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. DO NOT apply later than 25 weeks before harvest.
<b>Pyrethrum - established crops, greater than 1 year old</b>	As above plus Sow Thistle ( <i>Sonchus</i> spp), Spear Thistle ( <i>Cirsium vulgare</i> )			

CROP	WEEDS CONTROLLED	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
Duboisia	Refer to Weeds Controlled list	Weed free soil	4 or 8L/ha	Apply after transplanting 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.
		Weeds at the 4 to 6 true leaf stage		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. Established larger weeds must be eliminated by mechanical means prior to the application. Addition of a non-ionic surfactant at recommended rates will improve activity.
Tobacco		Weed free soil	4L/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		Weed free soil	2 to 4L/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.
Onion (seeded)	Blackberry Nightshade ( <i>Solanum nigrum</i> )	Hook leaf stage	50 to 100mL/ha	Do not exceed 100 mL/ha at the hook leaf stage as excessive crop damage may occur.
	Common Cotula ( <i>Cotula australis</i> ), Crowsfoot / Storksbill ( <i>Erodium spp.</i> ), Deadnettle ( <i>Lamium amplexicaule</i> ), Docks ( <i>Rumex spp.</i> ), Fumitory (Pink and white flowered) ( <i>Fumaria spp.</i> ), Groundsel ( <i>Senecio vulgaris</i> ), Hogweed / Wireweed ( <i>Polygonum aviculare</i> ), Milk Thistle ( <i>Sonchus oleraceus</i> ), Plantain ( <i>Plantago spp.</i> ), Potato weed ( <i>Galinsoga parviflora</i> ), Sorrel ( <i>Rumex acetosella</i> ), Volunteer potato ( <i>Solanum tuberosum</i> )	1 ½ to 2 ½ leaf stage	350 - 500mL/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) 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

CROP	WEEDS CONTROLLED	TIME OF APPLICATION	RATE	CRITICAL COMMENTS
<b>Brassica Crops, Broccoli, Cabbages, Cauliflower</b>	Refer to Weeds Controlled list	Weed free soil	1.5 to 2L/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.
<b>Forestry Eucalyptus spp. Pinus spp.</b>		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.
		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.
<b>Forestry Trees</b>	Broadleaf weeds and grasses	Weeds at the 4 to 6 true leaf stage	4L/ha or 4mL/10m <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.
<b>Prior to sowing winter cereals, cotton</b>	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 OZCROP 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.**

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

### WEEDS

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 *Trianthema 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)

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/subtropical 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\* Biodegradable 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.

## **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 Glyphosate 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.