

Product Name: Farmalinx Oxa-Thoxam Herbicide and Insecticide Fertiliser
APVMA Approval No.: 89264/135583



Label Name:	Lawn Solutions OxaFert Plus Herbicide, Insecticide & Fertiliser
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Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	ACTIVE CONSTITUENTS 10 g/kg OXADIAZON 1 g/kg THIAMETHOXAM
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Mode of Action:	GROUP 14 HERBICIDE GROUP 4A INSECTICIDE
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Statement of Claims:	Combination herbicide, insecticide and fertiliser for pre-emergent control of summer grass, crowsfoot grass, winter grass and creeping oxalis and for control of African black beetle, Argentinian scarab and billbug in turf with the added benefit of a fertiliser to feed turf.
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Net Contents:	1 - 20 kg
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Restraints:	RESTRAINTS: DO NOT mix granules with the soil. DO NOT apply granules when the turf foliage is wet. DO NOT use on putting greens, low cut tees or bowling greens. DO NOT apply to newly seeded turf areas. DO NOT apply to fairways adjacent to natural water bodies. DO NOT apply if heavy rains or storms are forecast within 3 days. DO NOT irrigate to the point of water runoff from the treatment area. For PROFESSIONAL use only. DO NOT treat more than 1 ha per day with belly grinder.
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Directions for Use:	This section contains file attachment.
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Other Limitations:

Withholding Periods:

DO NOT GRAZE TREATED TURF/LAWN, OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK

Trade Advice:

General Instructions:

This section contains file attachment.

Resistance Warning:

**HERBICIDE RESISTANCE WARNING
GROUP 14 HERBICIDE**

Lawn Solutions OXAFERT PLUS Herbicide, Insecticide & Fertiliser is a member of the Oxadiazole Group of herbicide. The herbicide is an inhibitor of protoporphyrinogen oxidase. For weed resistance management, the product is a Group 14 Herbicide. Some naturally occurring weed biotypes resistant to the herbicide may exist through normal genetic variability in 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 this product or other group 14 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Lawn Solutions Australia Pty Ltd does not accept liability for any losses that may result from failure of this product to control resistant weeds.

**INSECTICIDE RESISTANCE WARNING
GROUP 4A INSECTICIDE**

For insecticide resistance management Lawn Solutions OXAFERT PLUS Herbicide, Insecticide & Fertiliser is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to OXAFERT PLUS and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if OXAFERT PLUS or other Group 4A insecticides are used repeatedly. The effectiveness of OXAFERT PLUS on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Lawn Solutions Australia Pty Ltd accepts no liability for any losses that may result from failure of OXAFERT PLUS to control resistant insects. OXAFERT PLUS may be subject to specific resistance management strategies.

For further information contact your supplier, Lawn Solutions representative or local agricultural department agronomist.

Precautions:

Protections:

INTEGRATED PEST MANAGEMENT

Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

To protect birds and wild mammals, remove spillages. Very toxic to aquatic life. DO NOT contaminate streams, rivers or watercourses with this product or used containers.

PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Highly toxic to bees. Thiamethoxam has systemic action. However, the use of this product as directed is not expected to have adverse effects on bees.

Storage and Disposal:	<p>Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Do not store with seed, feed, foodstuffs, insecticides, fungicides or other fertilisers.</p> <p>HDPE Bags: Shake and empty contents into applicator. Do not dispose of unused product on site. 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.</p> <p>HDPE containers: 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 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.</p> <p>SPILLS Sweep up spilled materials and return to original container. Wash contaminated equipment taking care the washings DO NOT enter sewers, drains and other waterways.</p>
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Safety Directions:	May irritate eyes and skin. Avoid contact with eyes and skin. Do not inhale dust. When opening the container and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use.
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First Aid Instructions:	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.
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First Aid Warnings:	
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DIRECTIONS FOR USE

Situation	Target	Turf Species	Rate	Critical Comments
Warm season turfgrass areas, including fairways, golf tees, municipal sports fields, industrial and commercial lawns	Pre-emergent control of Summer Grass (<i>Digitaria ciliaris</i>), Crowsfoot Grass (<i>Eleusine indica</i>)	Kikuyu (<i>Pennisetum clandestinum</i>), Buffalo Grass (<i>Stenotaphrum secundatum</i>), Common Couch Grass (<i>Cynodon dactylon</i> , <i>C. transvaalensis</i>) (Not Santa Ana), Tif Hybrid Couch Grass, Saltwater couch (<i>Paspalum vaginatum</i>), Queensland Blue Couch (<i>Digitaria didactyla</i>), Bahia grass (<i>Paspalum notatum</i>), Zoysia grass (<i>Zoysia matrella</i>)	300 kg/ha (3 kg/100 m ²)	The product is ready to apply. No mixing or dilution is required. Apply product evenly to dry foliage and bare areas using a granular spreader able to give even coverage. Application must be made before weeds have begun to germinate. Established weeds will not be controlled.
	Pre-emergent Control of Winter Grass (<i>Poa annua</i>) Creeping Oxalis (<i>Oxalis corniculata</i>)		400 kg/ha (4 kg/100 m ²)	After application water in with at least 10 mm of sprinkler irrigation. Control of germinating weed seedlings can be expected for up to 10 weeks after application depending upon temperature, rainfall, soil type and other factors. If longer control is required a repeat application should be made 7-10 weeks after initial application. DO NOT mow treated area until product has been watered in and turf foliage has dried. Avoid application when daytime temperatures are consistently above 32°C. This product is not recommended for use on putting greens, low cut tees or bowling greens. DO NOT apply on turf containing Carpet Grass (<i>Axonopus spp.</i>), Centipede Grass (<i>Eremochloa ophiuroides</i>) and Dichondra unless some damage is acceptable.
	First instar larvae of African Black Beetle (<i>Heteronychus arator</i>)		300 kg/ha (3 kg/100 m ²)	Apply prior to or at peak egg hatch, mid spring to early summer, or when small larvae are present. Irrigate with 6 to 12 mm of water commencing within 1 hour of application.
	First and second instar larvae of Argentinian Scarab (<i>Cyclocephala signaticollis</i>)			
	Larvae of Billbug (<i>Sphenophorus brunnipennis</i>)			Monitor adult activity through late spring and early summer. Spray when numbers peak or when small larvae (4 mm) are found in the thatch or surface soil. Early application is essential to minimise grass damage due to feeding. Irrigate with 6 to 12 mm of water commencing within 1 hour of application.

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

GENERAL INSTRUCTIONS

Lawn Solutions OXAFERT PLUS Herbicide, Insecticide & Fertiliser is a convenient ready to use formulation for the control of certain annual grass weeds and insect pests in turf with added benefit of providing a fertiliser treatment.

APPLICATION

Apply using a properly calibrated granular applicator which will apply the granules in a uniform pattern. Uniform application is essential for satisfactory weed control. Calibrate the applicator prior to use according to the manufacturer's instructions, and check applicator frequently to ensure the equipment is working properly. After application, ensure granules are washed or brushed off the foliage, particularly the foliage of prostrate and dense ground-cover plants. DO NOT apply the granules when the foliage is wet.

TURF:

For a granular spreader which can be calibrated for even output and capable of giving even application. Use a double application technique: i.e. half rate width, to achieve a full rate application. Apply under calm conditions, thereby reducing drift to non-target areas and optimizing particle distribution for good weed control.

Ensure turf area is free of leaves and other debris, mowing if necessary so that the granules reach the soil surface. Delay reseeding of Ryegrass or Bentgrass into treated areas for 4-5 months (Ryegrass 4 months & Bentgrass 5 months).

DO NOT over apply, especially under the branch spread of trees and shrubs.

Avoid contact with flowers and shrubs.

Suggested Spreader Settings

The suggested spreader settings are not intended to replace calibration.
Calibrate your spreader before applying product.

Spreader	Ground Speed	Width of coverage	Spreader Settings	
			300 kg/ha	400 kg/ha
Scotts AccuPro 2000, SR-2000 (cone 4)	4.8 km/hr	4.0 m	O 1/2	Q
Scotts R-8, R-8A (cone 4)	4.8 km/hr	4.0 m	O	P 1/2
Spyker 288 Super	4.8 km/hr	3.0 m	3.9	4.2
Vicon (03 Series - Standard Spout)	7.3 km/hr	11.0 m	37	44