

Herbicide and Fertiliser

Save on time and labour costs with fertiliser and pre-emergent herbicide in one product.

Product Overview

OxaFert Herbicide and Fertiliser is a dual use product featuring a highly effective pre-emergent herbicide combined with a high quality high quality FertiMax NPK fertiliser which is a dust free, homogeneous fertiliser to enhance turf maintenance and establishment, whilst providing uniform nutrient distribution.

Key Features of OxaFert Herbicide and Fertiliser

- ✓ OxaFert is a shoot absorbed pre-emergent herbicide, having minimal impact on root development in the turf establishment phase.
- ✓ OxaFert pre-emergent herbicide offers a unique mode of action, and is ideal for resistance management.
- ✓ High quality FertiMax NPK, dust free, homogeneous fertiliser to enhance turf maintenance and establishment. Non-staining formulation, providing uniform nutrient distribution.
- ✓ Enhances weed control through effective coverage and soil contact by the fertiliser technology.
- ✓ Promotes a healthy turf response which increases competition for weeds.
- ✓ Convenient and easy to apply through granular fertiliser spreaders.

OxaFert controls the germination of Summergrass (*Digitaria ciliaris*), Crowsfoot (*Eleusine indica*), Wintergrass (*Poa annua*), and Creeping Oxalis (*Oxalis corniculata*)

OxaFert is also registered for ornamental plant situations, allowing it to be used in a wide range of situations. This also highlights the safety of the product when being used nearby garden beds.

Analysis (w/w)

NITROGEN (N) TOTAL %	12.0
as Nitrate Nitrogen	3.0
as Ammonium	9.0
PHOSPHORUS (P) TOTAL %	5.0
POTASSIUM (K) TOTAL %	14.0
as Sulphate	14.0
SULPHUR (S) %	8.0
MAGNESIUM (Mg) %	1.5
CALCIUM (Ca) %	2.0
BORON (B) %	0.02
Zinc (Zn) %	0.1
IRON (Fe) %	0.02
MOLYBDENUM (Mo) %	0.02

APPLICATION RATE

300Kg – 400Kg/ha

ACTIVE CONSTITUENT

10g/Kg OXADIAZON

MODE OF ACTION

GROUP 14 HERBICIDE



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Oxadiazon, the active ingredient in OxaFert is a preemergent herbicide, which offers excellent residual performance on key turf weeds in all turf situations.

OxaFert has a unique mode of action (Group 14) involving shoot absorption rather than root uptake. It interrupts chlorophyll production (a key component of photosynthesis) in the susceptible weed, destroying the new leaves of weed seedlings germinating in the treated soil. As chlorophyll is only in plant leaves, oxadiazon herbicide cannot impact on the root system of the desirable turf species.

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Benefits of Pre-Emergent Weed Control

Controlling weeds before they emerge prevents competition with turf for nutrients, water and space, resulting in better turf density. It also eliminates the need for post-emergent treatment, which have limited effectiveness with heavy infestations and unfavourable weather conditions, and may also have potential to cause turf damage.

Ideal for Use in Turf Establishment

The unique activity of OxaFert means that it is the only herbicide that can be used prior to planting warm season grasses by sprigs or stolons and guaranteeing minimal disruption to the establishment period. Effective weed control during the establishment phase will allow the surface to be in play quicker and eliminate the need for post-emergence sprays, which puts young turf under stress.

Minimal Disruption of Turf Establishment

Above Left: OxaFert Treated; NB. roots establishing.
Above Right; Pendimethalin Treated; NB. lack of root establishment.



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TURF SOLUTIONS

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