



# Oxafert Herbicide and Fertiliser 16-2-6 + TE

## Product Overview

Oxafert Herbicide and Fertiliser is a dual use product featuring “Oxafert” a highly effective pre-emergent herbicide which controls Summergrass (*Digitaria ciliaris*), Crowsfoot (*Eleusine indica*), Wintergrass (*Poa annua*), and Creeping Oxalis (*Oxalis corniculata*) combined with a high quality Simplot & Best homogenous fertiliser (16:2:6) to enhance turf establishment and maintenance.

## Key Features of Oxafert Herbicide and Fertiliser 16-2-16

- 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 Simplot Turf Supreme, dust free, homogenous fertiliser to enhance turf maintenance and establishment. Non-staining formulation, providing uniform nutrient distribution.
- Convenient and easy to apply through granular fertiliser spreaders.
- Safer to handle and apply due to the low active ingredient concentration.
- Enhances weed control through effective coverage and soil contact by the Simplot fertiliser technology.
- Promotes a healthy turf response which increases competition for weeds.
- 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.

## Mode of Action

Group	<b>G</b>	Herbicide
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Oxadiazon, the active ingredient in Oxafert is a pre-emergent herbicide, which offers excellent residual performance on key turf weeds in all turf situations. Oxafert has a unique mode of action (Group G) 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.

Oxafert has good soil residual activity and provides season long weed control while allowing the turf’s root system to develop uninhibited.





## 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.

## The Simplot & Best Turf Supreme Fertiliser Technology

The fertiliser technology in the formulation is based on Simplot's dust free, homogenous granular fertiliser 'Turf Supreme'. A balanced NPK fertiliser ratio, with the addition of 1.5% Iron, 0.2% Manganese and 16% Sulphur for uniform nutrient distribution resulting in sustained turf growth and establishment. Turf Supreme is a versatile fertiliser that works effectively on all varieties of turfgrass and under all but the most severe climatic conditions.

## 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.



**Oxafert Treated**

**Pendimethalin  
Treated**

## Using Oxafert Herbicide and Fertiliser 16:2:6 + TE

Oxafert Herbicide and Fertiliser is registered for use on turf farms, recreational turf, fairways, golf tees, municipal sports fields, industrial and commercial lawns. It should NOT be used on fine cut sportsturf surfaces such as putting greens, low cut tees or bowling greens. It is suitable for warm season turfgrass species only, i.e; buffalo grass, common couch, kikuyu and QLD blue couch.

To control Crowsfoot and Summer Grass use 300kg/Ha (3.0kg/100m<sup>2</sup>). Apply from late winter to early spring (late August to early September) prior to germination of the weeds. Summer grass will be suppressed at this rate.

To control Wintergrass and Creeping Oxalis use 400kg/Ha (4.0kg/100m<sup>2</sup>). Apply prior to germination of the weeds (usually from late summer to mid-autumn, February to May, and early spring, August to October).

When applying Oxafert Herbicide and Fertiliser it is important ensure that the product is applied to a dry leaf, and irrigation following application is important to move the active ingredient into the soil.

