



USE DIRECTIONS

March 2022

IRON GRANULES (Iron Oxysulfate)

WARNING



S5 Poison

Harmful if swallowed

Causes skin and serious eye irritation

Classified as Hazardous according to Safe Work Australia criteria.

ANALYSIS

NUTRIENTS

9.7 % w/w	Sulfur (S)	as Sulfate
8% w/w	Iron (Fe)	as Sulfate
17 % w/w	Iron (Fe)	as Oxide
25 % w/w	Iron (Fe)	Total

IMPURITIES

Cadmium (Cd)	15 mg/kg Cd (max)
Lead (Pb)	20 mg/kg Pb (max)
Mercury (Hg)	0.5 mg/kg Hg (max)

This product contains heavy metal impurities. Its use may result in accumulation of cadmium and mercury in the soil. Depending on soil characteristics, irrigation water quality, plant species and variety, crop uptake of cadmium may lead to residue limits in plant and animal products in excess of the maximum level specified by the Australia New Zealand Food Standards Code. In pasture, the offal from grazing animals may also exceed these limits.

IRON DEFICIENCY

While iron is only required in trace amounts by plants, it is abundant in the earth's crust. Total iron concentrations in the soil are often round 2.5%.

Any problem with iron supply to plants is therefore one of availability in the soil, and not the amount in the soil. In soils in which iron deficiency occurs, iron fertiliser can be rapidly fixed, and the effects short lived. Fixation occurs most rapidly on alkaline (high pH) soils.

Because iron is subject to "fixation", it is often necessary to use high application rates (compared to other trace elements), and to apply these on a regular basis. Soil applications are generally only recommended on acid soils.

In most situations, foliar sprays are recommended. They are usually more cost effective, and allow lower rates to be used.

DIRECTIONS FOR USE

Iron Granules is a granulated iron oxysulfate fertiliser for dry application to the soil. It is not fully soluble and therefore is unsuitable for use in the preparation of liquid fertilisers.

Iron Granules is primarily intended for use in **lawns**, **playing fields** and **turf**. A typical application rate is 20 kg/ha (200 g/100 m²).

As lawn grasses are shallow rooted and feed close to the soil surface, plant utilization of iron broadcast on the soil surface tends to be better than in deeper-rooted crops.

Foliar sprays are recommended in most cropping situations. If iron is applied to the soil in crops, band applications are likely to be more effective than broadcast applications. As a guide, apply:

- 40 kg/ha on heavy clay soils, and
- 2.5 – 10 kg/ha on sandy soils.

Higher rates may be required.

In strawberries, apply 1 – 2 g/m of row.

These "Use Directions" should be read in conjunction with the Incitec Pivot "Iron" Agritopic.

SAFETY DIRECTIONS

Avoid ingestion and inhaling product.

Avoid contact with the eyes and skin.

Wash hands after use.

FIRST AID

If swallowed, or you feel unwell, call the Poisons Information Centre (131 126), or a doctor.

Rinse mouth. If in eyes, hold eyelids apart and flush continuously with running water for several minutes. Remove contact lenses, if present and easy to do.

If on skin, wash with soap and running water. Remove contaminated clothing.

CARE OF EQUIPMENT

This product can be corrosive to metals.

Clean equipment after use, and follow manufacturer`s maintenance advice.

WARNING

Before using fertiliser seek appropriate agronomic advice. Fertiliser may burn and/or damage crops or pasture. Because climatic and soil conditions, application methods, irrigation and agricultural practices are beyond the control of Incitec Pivot Limited and cannot be foreseen, Incitec Pivot Limited accepts no responsibility whatsoever for any commercial damage, loss or other result following the use of this product whether used in accordance with directions or not, subject to any overriding statutory provision and provided that such liability under those provisions shall be limited to the replacement of the goods as supplied or the rendering again of the services that are provided. The buyer accepts and uses this product subject to these conditions.

Incitec Pivot Fertilisers (a business of Incitec Pivot Ltd ABN 42 004 080 264)

28 Freshwater Place

Southbank Vic 3006

Freecall 1800 009 832

www.incitecpivolfertilisers.com.au