

Topfoliar

Liquid solution with a balance of nutrients

Topfoliar is an aqua coloured, foamy liquid fertiliser with a balanced range of nutrients, including nitrogen, phosphorus, potassium and trace elements.

It is ideal for supplementing solid fertiliser programs and boosting plant growth in times of stress.

Topfoliar is an acidic fertiliser with a pH of 3.5 to 4.5.

ANALYSIS (weight/volume)

| | | |
|---------|---------------------|---------------|
| 9.1 % | Nitrogen (N) w/v | (91 g/L N) |
| 4 % | Phosphorus (P) w/v | (40 g/L P) |
| 6.2 % | Potassium (K) w/v | (62 g/L K) |
| 0.01 % | Copper (Cu) w/v | (0.1 g/L Cu) |
| 0.03 % | Zinc (Zn) w/v | (0.3 g/L Zn) |
| 0.03 % | Manganese (Mn) w/v | (0.3 g/L Mn) |
| 0.002 % | Molybdenum (Mo) w/v | (0.02 g/L Mo) |
| 0.005 % | Boron (B) | (0.05 g/L B) |

SPECIFIC GRAVITY

Topfoliar has a specific gravity at of 1.2.

This gives Topfoliar an analysis on a weight/weight basis of:

| | | |
|---------|---------------------|----------------|
| 7.6 % | Nitrogen (N) w/w | (76 g/kg N) |
| 3.3 % | Phosphorus (P) w/w | (33 g/kg P) |
| 5.2 % | Potassium (K) w/w | (52 g/kg K) |
| 0.008 % | Copper (Cu) w/w | (0.08 g/kg Cu) |
| 0.025 % | Zinc (Zn) w/w | (0.25 g/kg Zn) |
| 0.025 % | Manganese (Mn) w/w | (0.25 g/kg Mn) |
| 0.001 % | Molybdenum (Mo) w/w | (0.01 g/kg Mo) |
| 0.004 % | Boron (B) w/w | (0.04 g/kg B) |

“SALTING OUT” AT LOW TEMPERATURE

Most liquids have a ‘salt out’ temperature. This is the temperature at which crystal precipitation and growth occurs because the solution is over-saturated and the water can no longer keep the salts in a dissolved state. With Topfoliar this ‘salt out’ temperature is at or below 5°C. If other soluble salts or solutions containing salts are added to Topfoliar, the ‘salt out’ temperature will change.

DIRECTIONS FOR USE

Topfoliar can be applied to the soil, but is more often used in fertigation programs or in foliar sprays.

Fertigation

Topfoliar can be applied directly into the irrigation line without prior mixing in water. Consider applying 4 L/ha.

Topfoliar can be applied through all types of fertigation systems, including overhead sprinklers, as the fertiliser solution which comes into contact with the plant leaves will be very dilute compared with a neat foliar spray.

With fixed line overhead sprinkler systems, inject the fertiliser into the lines over a reasonable period of time, e.g. the mid third of the shift, leaving the last third to flush the lines and wash any fertiliser solution from the leaves. This will not be possible with travelling irrigators, but given the dilution that occurs when Topfoliar is being injected continuously, foliar burn is unlikely.

Foliar sprays

Apply using hand held spray guns, multi nozzled booms or low volume misters.

In citrus, vines, stone and pome fruits, almonds, vegetables and irrigated pastures, apply 4 L/ha of Topfoliar in 500 to 1000 litres of water per hectare in regular applications.

For nursery stock, use 2 to 3 L/ha of Topfoliar in 1000 litres of water per hectare.

In turf, apply 2 L/ha of Topfoliar in 50 litres of water per 100 square metres.

Spray during the cooler parts of the day. Do not apply when the temperature exceeds 25⁰ C or when crops are suffering moisture stress.

A wetting agent at the recommended rate will help facilitate uptake. For maximum absorption, apply when rain is not expected for at least four hours.

For more information on using Topfoliar in specific crops, see the Crop Guides section.

COMPATIBILITY

Topfoliar is compatible with EASY N, EASY NS, EASY ATS, EASY U Sol, EASY PK and Mangasol.

Topfoliar is not compatible and should not be mixed with EASY NP, EASY NP + Zn, EASY KS, EASY NPK 27, EASY Cal, Coppersol or Zincsol.

STORAGE AND CARE OF EQUIPMENT

Store in a cool place, away from direct sunlight.

Topfoliar is corrosive to many metals.

Appropriate materials for storing Topfoliar include High-Density Polyethylene (HDPE), stainless steel and fibreglass.

Do not store Topfoliar in tanks of mild steel, aluminium, brass or copper alloys, concrete or galvanised steel.

Flush application and fertigation equipment after use with water only.

Where applied through fixed irrigation lines, discontinue use towards the end of the shift to flush fertiliser from the lines and off crop foliage. This minimises corrosion and the risk of leaf burn.

Refer to the Handling, Storage and Transport section of the EASY Liquids manual for further details, including appropriate materials for pumps, pipes, plumbing, valves and fittings.

SAFETY DIRECTIONS

Avoid contact with eyes or skin.

Avoid inhaling mist.

Wash hands after use.

Refer to the Topfoliar MSDS (Material Safety Data Sheet) for more specific instructions.

WARNING

Before using fertiliser seek appropriate agronomic advice. Fertiliser may burn and/or damage crop roots or foliage. Foliar burn to the leaves, fruit or other plant parts is most likely to occur when different products are mixed and sprayed together, the water is of poor quality, or the spray is applied under hot dry conditions, eg. in the heat of the day. 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.

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