



# Sion

**21% Silicon w/w**

A unique silicon nutrient for foliar and root application to increase the strength, growth and health of crops.

## **Benefits of Sion**

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- › Improved Plant Cell Development
- › Balancing uptake of other elements
- › Aids maintenance of cell integrity and plant strength
- › Limits susceptibility to infection from pathogens and predation from insect pests

## **Crops**

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All cereals, brassicas, potatoes, root crops, top fruit, soft fruit, fruiting vegetables, vines, salad crops and ornamentals.

## **Directions for Use**

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Application rates will vary slightly depending upon crop and a higher rate will be used if applying to roots or via an irrigation system. Avoid spraying in sunlight hours if air temperature is above 30°C or in full sun. Apply in 400-800 litres of water for optimum coverage and in a minimum of 200 litres.

## **Compatibility**

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Sion is compatible with most known fertilisers and pesticides but it is advisable to conduct a jar test with new mixes or new products. Always use as recommended

**5 litres e**

## Crop Timings and Application Rates

Crop	No of applications	Timings	Rates litres/ha
 <b>Field crops</b>	2-4	Apply as a foliar spray at 10-14 day intervals in during periods of increased biotic pressure	0.5
 <b>Fruit crops</b>	as required	Use weekly as a foliar spray or via irrigation	0.25-0.5
 <b>Ornamentals and Sportsturf</b>	as required	Use regularly at 10-14 day intervals or at first signs of increased biotic pressure	0.25-0.5

## Irrigated Sion

When irrigating Sion, a final injection rate of 0.015ml/litre is desired. To achieve this add 150mls per 100L of stock solution and inject at 1% (1:100).

For more detailed rates please contact your Engage Agro advisor.

## Precautions

**Storage:** Store in original container and keep closed when not in use and when empty. Protect from freezing. Protect from damage.

**KEEP OUT OF REACH OF CHILDREN.**

## DANGER

- ▶ Flammable liquid and vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. In case of fire: Use carbon dioxide or foam to extinguish.
- ▶ Avoid contact with skin as may cause irritation. Harmful. Causes serious eye damage. In case of contact with eyes, rinse immediately with plenty of water, contact lenses should be removed. Seek medical advice.
- ▶ After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
- ▶ Harmful if inhaled. May cause respiratory irritation. Use in a well-ventilated area. If inhaled, remove person to fresh air and keep comfortable for breathing.
- ▶ Harmful to the environment. If the product has escaped into a water course, the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.
- ▶ Dispose of contents/container in accordance with relevant national, regional and local environmental control provisions.



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