

# Gard S

Organic Range - Garlic Extract

## Use

To correct nutrient deficiency and promote crop health.

## Crops

Most horticultural crops including brassicas, carrots & swedes, lettuce & leafy salads, protected edibles and soft fruit.

## Pack Size

5 litres

## Function of Gard S

An organic foliar nutrient which stimulates plants to create an environment around leaves and roots that is uninviting to a range of pests such as aphids, thrips, whitefly, spider mites, vine weevil and root flies, as well as providing a natural source of sulphur. Gard S is not a pesticide, it does not control the pest but it boosts the plants tolerance to pest attack.



## Directions for use



Use Gard S as a deterrent against a range of insect pests or to correct sulphur deficiency. Apply by adding to the stock feeding tank or as a foliar application. Foliar uptake will be enhanced by the addition of SW7<sup>1</sup>.

Fertigation: Apply 3-12.5 litres Gard S per 1000l water

Foliar: Apply 1-2 l/ha in a minimum of 200 l/ha water

CAUTION: Foliar application to plants for human consumption may have a negative impact on flavour.

The spray tank should be filled with half the required water. If applicable, add the required amount of SW7 to the water before the Gard S. After shaking the container, measure the required amount of Gard S and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution and spray.

Fertigation Crop	Timing	Rate l/1000l water	Comments
Protected Edibles	Prior to pest infestation	6.25	First application. Add to tank B. Dose at 1:100 (or 12.5l/1000l water dose at 1:200.) Final concentration 1ml/16.5l. Draw the solution from the top of the tank using a standard H frame filter
Soft Fruit in growing media	Ongoing treatment	3	Apply weekly dose as above. Final concentration 1ml/33l. Revert to the higher rate if conditions favour pest multiplication.
Foliar Crop	Timing	Rate l/ha	Comments
All crops	Prior to the onset of pest infestation	1-2	Use the higher rate on dense or waxy crops. Repeat as required
All crops	When the sulphur deficiency is diagnosed or suspected	2	Repeat 10-14 days later if required

## Notes

You should only apply imported nutrition such as Gard S with the prior approval of your certification body. These products are a restricted input for Soil Association members and you will need to comply with their procedures. It is often possible to have a plan of action for your growing of organic crops which includes this type of product as required by the crop in the growing season and this is best setup prior to the season to save time when a crop is suffering stress or slow growth.

<sup>1</sup> SW7 may be used as an adjuvant. Choose SW7 if it will be difficult to achieve good coverage, the leaves are waxy or tightly layered, or with dense crop canopies. SW7 should be added at 0.1% of the spray volume, e.g. 100 ml in 100 litres of water. Maintain agitation and apply immediately after mixing.

Do not apply when crop is showing deficiency symptoms, is under stress, or in adverse weather conditions.

**For more information contact:** OMEX Horticulture, Estuary Road, King's Lynn, Norfolk, PE30 2HH

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