

biosept - Crop Gold & All Clear

Broad Spectrum Plant Stimulants

Over the past few years the number and type of chemical control products has rapidly reduced. Product resistance and demand for improved yield and quality is leaving growers with few alternative options.

In addition, leading multiple outlets have tightened their crop and ornamental production protocols in response to consumer fears over pesticide residue levels, especially on edible crops.

Biosept is a broad spectrum plant stimulant, carefully formulated with a mixture of grapefruit oil, natural plant extracts and other essential oils.



Field crop propagation

Biosept helps plants naturally protect themselves against fungal and bacterial diseases and when used as a regular treatment may also reduce the need for conventional treatments. When used in traditional spray programs Biosept will enhance the effect of conventional crop protection products.

Biosept has an excellent environmental profile and is safe to use with bees and other beneficial insects, it is ideal for use within Integrated Pest Management (IPM) programs and is seen by many as integral to the future success of protected and field IPM production.



Biosept Crop Gold and Biosept All Clear concentrate are supplied in units of 1 litre

Biosept is totally biodegradable, decomposing to mainly water and carbon dioxide within approximately 8 weeks.

Biosept is suitable for use in organic growing, approved by the Organic Farmers and Growers.

The Biosept range has been effectively used in many areas of horticulture including; field vegetables, soft fruit, tomatoes, cucumbers, pot plants, ornamentals and nursery stock.

Biosept needs no harvest interval on edible produce. No trace of internal or external residues are left, complying with strict supermarket protocols and EU directives.



Protected crops



Field vegetables



Soft and top fruit



Nursery and ornamentals



Biosept distributed by:
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Biosept All Clear and Biosept Crop Gold used as plant bio-stimulants should form a key part of any crop management program. Biosept All Clear is for use on ornamental and non-edible crops, Biosept Crop Gold is for use on edible crops.

The products are specially blended formulations of plant extracts and grapefruit oil that activate plant flavonoids. Biosept stimulates all plant growing areas and plants treated before infection of disease or infestation of insects will be stronger and therefore less susceptible to pest and disease attack. Regular use of Biosept can reduce the need for many conventional treatments.

Application rates

Knapsack spraying:	2-8 ml/L
To improve healthy plants:	2 ml/L
Protected crops/lightly diseased plants:	2-4 ml/L
Field crops/heavily diseased plants:	4-8 ml/L
Soil drench:	8 ml/L

Water volume 400-1200 L/ha (1000 L/ha recommended)

The key to success with Biosept is to integrate it into the existing crop protection strategy on a regular 7-10 day basis. When applying to diseased plants use the higher rate of application for the first 2-4 weeks.

Application should be through conventional equipment, ensuring the tanks and hoses are clean and free of pesticide residue. Biosept should only be tank mixed when advised to do so by a consultant.



Nursery stock

GENERAL EFFICACY DATA

COMPOSITION/INGREDIENTS	Plant extract. Grapefruit extract
HARVEST INTERVAL	0 days
CROP RESTRICTIONS	None
CROP CLEARANCE/FIELD USE	Plant bio-stimulant
PRODUCT EFFICACY	Effective as part of a protective program, used every 7-10 days
COMPATIBILITY WITH IPM	100%
COMPATIBILITY WITH CHEMICALS	Can be mixed with fungicide and most insecticide products
FREQUENCY OF USE	7-10 days
METHODS OF USE	Foliar application, drench
STORAGE REQUIREMENTS	Cool but frost free, out of direct sunlight
YEAR RELEASED	2001
TRIALS DATA	2002/2003 on soft fruit, field vegetables and ornamentals
COUNTRY OF ORIGIN	Poland
ORGANIC STATUS	Organic Farmers & Growers approved



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