

GROGREEN® FEED&SHINE® VEGETABLES

Research and documentation 2021



Foliar feed for vegetables

Available in a ready-to-use or concentrated formulation.

Background & Introduction

GroGreen® Feed & Shine® Vegetables has been steadily developed and tested over a number of years. The knowledge acquired over this time culminated in this pot trial which sought to evaluate the quality and performance of a refined organic formulation of the product.

This pot trial was conducted later in the growing season on a range of vegetable and herb plants propagated from seed applied in the early part of their growth.

Aim & Objectives

The aim of this trial was to test the plant safety and performance of the refined formulation of GroGreen® Feed & Shine® Vegetables.

Specific objectives included checking for any signs of phytotoxicity and assessing plant growth performance against the untreated 'control' vegetable plants.

Summary and conclusions

The GroGreen® Feed & Shine® Vegetables was successfully applied to a range of vegetable and herb plants without any phytotoxicity occurring and over all resulted in enhanced plant growth, in spite of the less favourable growth conditions experienced later in the growing season.

As expected, the growth and vigour of some plant types responded more favourably to the GroGreen® Feed & Shine® Vegetables product than others, with no plants showing a negative growth response and all showing healthy, robust foliage.

In conclusion, this new Feed & Shine® Vegetables formulation has demonstrated an ability to enhance vegetable plant growth and vigour in typical growing conditions.

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Place & Time

Vegetable and herb plants were established from mid-July, with applications and assessments carried out weekly from August into mid-September.

All of the plants were propagated and reared in a standard growing media, in a typical garden greenhouse in a Warwickshire village in the UK.

Means & Methods

This trial was simple in its methodology including just 2 treatments; the untreated control (UTC) and the standard foliar application of the product on a weekly basis.



The plants were divided 50:50, between greenhouse and outdoor production.

Trial treatments

1. UTC - Untreated control (water sprayed only).
2. New formulation; GroGreen® Feed & Shine® Vegetables (weekly).

Plant Types

Basil, Carrot, Kale, Parsley, Parsnips, Spinach & Tomatoes.

Trial details

Plant number:	Varied by type.
Applications:	5, foliar, weekly.
Assessments:	7, weekly for plant vigour & growth.

Observations & Outcomes

Phytotoxicity:	No incidences observed in the treatments to any plant types.
Plant vigour:	Product treatments generally demonstrated an increase in plant vigour over the UTC, with some being more responsive than others.
Exception:	The spinach plants suffered caterpillar attack and therefore the trial was negated.

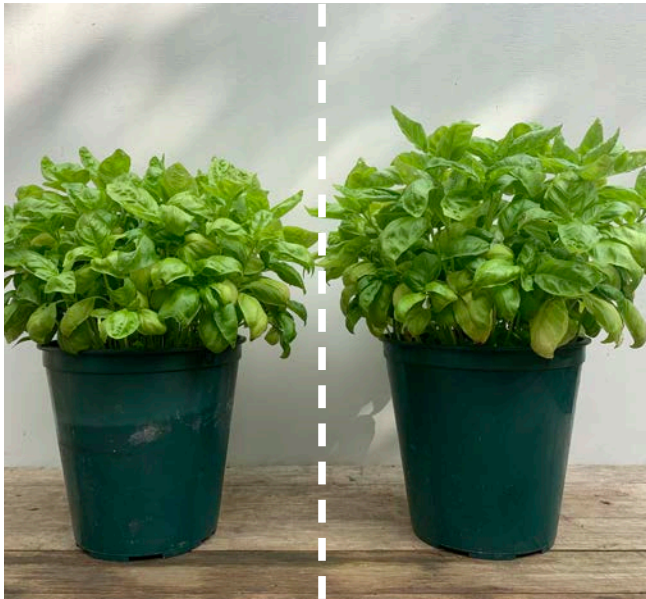


The plants were divided 50:50, between greenhouse and outdoor production.

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Photographic evidence



Basil: 16th September (9 days after 5th application).

*Treatment 1:
Untreated Control (water sprayed only).*

Basil: 16th September (9 days after 5th application).

*Treatment 2:
F&S Vegetables - new (applied weekly).*



Carrot: 16th September (9 days after 5th application).

*Treatment 1:
Untreated Control (water sprayed only).*

Carrot: 16th September (9 days after 5th application).

*Treatment 2:
F&S Vegetables - new (applied weekly).*

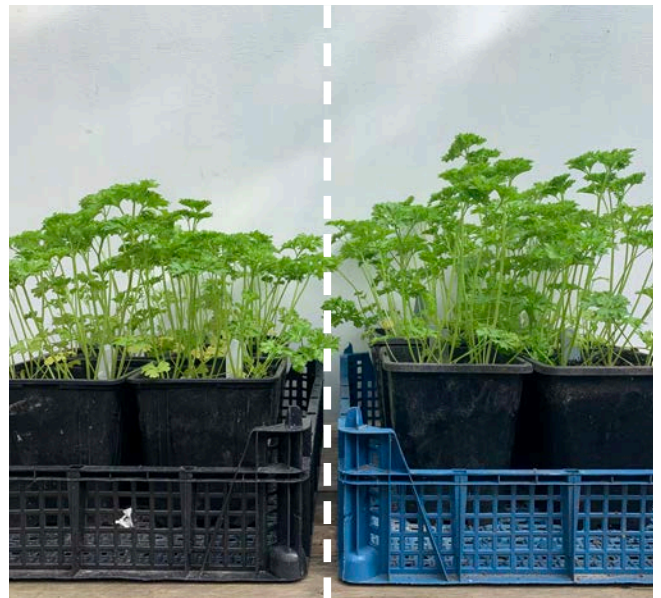


Kale: 23rd September (16 days after 4th application).

*Treatment 1:
Untreated Control (water sprayed only).*

Kale: 23rd September (16 days after 4th application).

*Treatment 2:
F&S Vegetables - new (applied weekly).*



Parsley: 16th September (9 days after 5th application).

*Treatment 1:
Untreated Control (water sprayed only).*

Parsley: 16th September (9 days after 5th application).

*Treatment 2:
F&S Vegetables - new (applied weekly).*

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Parsnip: 23rd September (16 days after 4th application).

*Treatment 1:
Untreated Control (water sprayed only).*

Parsnip: 23rd September (16 days after 4th application).

*Treatment 2:
F&S Vegetables - new (applied weekly).*



Tomatoes: 16th September (9 days after 5th application).

*Treatment 1:
Untreated Control (water sprayed only).*

Tomatoes: 16th September (9 days after 5th application).

*Treatment 2:
F&S Vegetables - new (applied weekly).*



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TECHNOLOGY

