



Solufeed Genie Gold

Plant Growth Stimulant

**Contains natural seaweed
extracts plus added NPK**

NPK 6:6:8

Uses

A growth promoter for agricultural and horticultural crops to maximise yields, quality and profitability.

Recommended for foliar application.

Benefits

Solufeed Genie Gold is a carefully formulated solution containing extracts from the seaweed *Ascophyllum nodosum*, generally regarded as the best source of plant growth stimulant. Also contains complimentary nitrogen, phosphorus and potassium to bolster plant nutrient levels during periods of rapid growth.

When applied correctly to an actively growing crop, *Solufeed Genie Gold* increases the natural growth regulators such as cytokinin levels and activity thereby stimulates increased metabolic activity. Consequently, important processes such as nitrogen assimilation and carbohydrate formation are improved. Plant growth, yields and quality are thereby optimised.

Chemical/physical data

Composition: *Solufeed Genie Gold* is liquid containing water-soluble extracts of *Ascophyllum nodosum* including cytokinins, gibberellins and auxins together with nitrogen, phosphorus and potassium.

Analysis w/w (EC FERTILISER)	Total nitrogen	5.9%
	Nitrate nitrogen	1.1%
	Ammoniacal nitrogen	1.3%
	Ureic nitrogen	3.5%
	Phosphorus pentoxide soluble in water	5.8%
	Potassium oxide soluble in water	8.4%

Appearance: Dark brown liquid
Specific gravity: 1.23 kg/ltr

Directions for use

Foliar Application

Solufeed Genie Gold should be mixed with a convenient volume of water to suit the spraying machine being used and the target crop leaf area. The following points should be observed:

1. The sprayer should be fitted with nozzles that produce a fine mist.
2. Only sufficient spray solution should be applied to coat the leaves and stems with a film of moisture with little or no "run off".
3. Spraying should be carried out on a calm day BUT NOT DURING STRONG SUNSHINE OR HIGH TEMPERATURES. The best time is late afternoon or evening.
4. If rain is imminent, spraying should be postponed. If rain falls within 4 hours of spraying, the crop should be re-sprayed 3 or 4 days later.

Application rates and timing

Crop	Rates (l/ha)	Timing
Winter Cereals	3.0 – 5.0	At or after GS 21 (Autumn). Then after GS 30 (following Spring). Then if necessary at full flag leaf.
Oilseed rape	5.0	At stem extension when crop is 30 – 45cm tall and repeat as necessary up to flowering.
Sugar Beet (and other root crops)	5.0	When there is sufficient leaf area to absorb the spray. Repeat as necessary.
Potatoes	5.0	Apply every 2 – 4 weeks from when the crop has sufficient leaf area to absorb the spray until flowering.
Peas	5.0	When the crop has sufficient leaf area to absorb the spray and repeat before the end of flowering.
Leafy <i>brassicae</i>	5.0	Applied as necessary during season.

Crop	Rates (l/ha)	Timing
Grassland	5.0	In Autumn and Spring during periods of active growth.
Hay and silage	5.0 12.0	During active Springtime growth. After 1 st cut where reduced fertiliser inputs are practised.
Other crops	1.25 – 5.0	When there is sufficient foliage to absorb the spray and/or at key growth stages.

Water Volume

The amount of *Solufeed Genie Gold* to be applied should be mixed with a volume of water appropriate to the crop leaf area of the type of spraying machine being used. Typically,

Arable crops: 200 - 600 litres per hectare.

Small Scale Use

For example, using a knapsack sprayer. Prepare a 0.2 - 0.4% (2.0 - 4.0 ml/l) solution and apply so as to coat the leaves and stems with a thin film of moisture with little or no run-off.

General information

Mixing With Water

Half fill the spray tank with water, commence agitation and add the appropriate amount of *Solufeed Genie Gold*. Add the remaining water and continue agitation. Use immediately.

Compatibility

Solufeed Genie Gold is compatible with many other crop care chemicals. Always follow recommendations closely. DO NOT mix with inorganic micronutrient fertilisers.

Technical service

For further information, assistance and access to The Solufeed Advisory Service, please contact Solufeed at the address below.

Precautions

The HIPS Regulations 2002 and CHIP3 apply to this product

No special precautions are necessary for transport by air, sea, rail or road.

If spilled, *Solufeed Genie Gold* will stain hard surfaces.

Storage

Store in a cool dry place above 5°C and away from direct sunlight. Protect from frost.

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below.

Always read the product label completely before using this product.

Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

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Solufeed Ltd
The Depot
Chichester Road
Sidlesham Common
Chichester
West Sussex PO20 7PY
Tel: +44(0)1243 554090
enquiries@solufeed.com
www.solufeed.com