



Water Soluble NPK Fertilizers

With magnesium (Mg) and trace elements (TE)

Top quality professional grade plant feeds with many applications

Description

With a 60 year pedigree and proven in the demanding world of professional horticulture, Solufeed water soluble fertilizers (WSFs) are now available to serious amateur gardeners who demand the very best.

Four formulations are supplied to suit virtually every growing situation – flowers, vegetables, fruit and even lawns. Specially formulated and highly soluble, Solufeed WSFs are easy, clean and safe to use. All are suitable for soil application, grow bag and container feeding or they can be applied as a foliar spray via hose-end diluter or sprayer.

- Manufactured in England using only high grade raw materials.
- Contain *chelated* micronutrients to ensure effectiveness and stability.
- ISO 9001:2008 accreditation manufacturing standard to ensure reliable quality.
- Rapidly and completely soluble even in cold water.
- Four formulations to suit most cropping situations.
- Contains blue indicator dye.
- Envious technical support.



Rather than simply relying on the fertilizer applied at planting/sowing time, liquid feeding with Solufeed WSFs provide the means of accurately manipulating plant nutrition. The amount of specific nutrient together with its application timing can be adjusted to suit crop needs at the particular stage of growth. In this way, it is possible to obtain the very best growing results.

The Solufeed Water Soluble Fertilizer range

Solufeed 1:1:1 **Balanced**

For general use in the garden to maintain plant nutrition levels and promote healthy growth. Particularly suitable for roses. Can be used throughout the season.



Solufeed 4:1:2
High Nitrogen

To encourage healthy vegetative (leafy) growth and good colour. Use after plants are established up until flowering time (then substitute with 2:1:4). For leafy vegetables (eg lettuces) use continuously.



Solufeed 1:5:1
High Phosphorus

To encourage vigorous root growth and good plant establishment. Use early in the season when plants are young. Good for helping new lawns take root and a great yield booster for potatoes .



Solufeed 2:1:4
High Potassium

To promote flowering and subsequent fruit production. Improves flavour and increases sturdiness of plants. Use from the onset of flowering and continue use up to harvest time.



Solufeed Rose
Special

A professional grade fertilizer for roses with high performance iron to prevent yellowing. Provides a complete soluble NPK plus magnesium and trace elements feed for soil or container grown roses.



Solufeed
Ericaceous Plant
Food

A special acidifying fertilizer for calcifuge (lime hating) plants such as Azalea, Rhododendron, Camellia and Blueberry.



Directions for use – Liquid feeding

Rate of use:

The standard rate is 1.0 gram of Solufeed WSF per litre of water but this can be varied according to crop needs in the range 0.5 – 2.0 grams per litre. Use the lower rate for sensitive subjects (eg pot plants under glass) and the higher rate for rapidly growing plants in outdoor soils.

Do not exceed 2.0 grams per litre.

The blue plastics spoon supplied with each pack holds ~5grams of Solufeed – sufficient for a typical 5 litre (1 gallon) watering can.



Application:

Just like other water soluble fertilizers, Solufeed WSFs are usually applied via a normal watering can. Simply add the appropriate amount of Solufeed WSF to the can, add water and apply liberally to the plant root area. A very approximate guide is 5 litres per square metre.

Frequency of use:

While plants are actively growing, Solufeed WSFs can be applied with every watering.

Directions for use – Foliar feeding

Plants are designed to take up nutrients through their roots but most nutrients can be absorbed through the leaves. Foliar feeding can give crops a valuable boost, particularly if the root system is not functioning well due to drought, disease/pest attack or other stress factor.

Solufeed WSFs can be applied to plant foliage via a hand or knapsack sprayer or similar equipment.

Prepare a 0.05 - 0.1% (0.5 - 1.0 gram per litre) solution and apply so as to coat the leaves and stems with a thin film of moisture with little or no run-off. **Do not exceed a 1 gram per litre concentration.**

The following points should be observed:

- The sprayer should be fitted with a nozzle(s) that produce a fine mist.
- Only sufficient spray solution should be applied to coat the leaves and stems with a film of moisture with little or no "run off".
- 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.
- 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.

For application via hose-end diluters, please refer to the device manufacturer's directions for use.

It is important to realize that soluble NPK fertilizers applied to the foliage can dry out to leave unsightly residues on the leaves. The problem is particularly acute in areas with hard water.

General information

Packaging: 1 kg and 5 x 1 kg re-closable cartons. (larger 20 kg packs available for the large-scale user)

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

Precautions

Avoid prolonged exposure with the skin and wash hands after use.
Keep away from children, pets and other domestic animals.
Store in original resealed packaging in a safe dry place.

Always read the label on the product you purchase before use. This provides product specific directions for use where appropriate.

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

Chemical and physical data

All Solufeed WSFs are classed as EC FERTILIZERS, their full analysis declarations are tabulated below:

Product	Elemental content (% w/w)						
	Total N	NO ₃ N	NH ₄ N	Ureic N	P ₂ O ₅ (P)	K ₂ O (K)	MgO (Mg)
Solufeed 1:1:1	18	5.3	3.5	9.2	18 (7.8)	18(14.9)	3.0 (1.9)
Solufeed 4:1:2	28	2.7	0.0	25.1	6.9 (3.1)	13.9 (11.5)	2.9 (1.7)
Solufeed 1:5:1	9.7	0.0	7.2	2.5	51.6 (22.4)	9.9 (8.2)	1.0 (0.6)
Solufeed 2:1:4	15	8.1	0.0	7.0	6.9 (3.0)	32.0 (26.5)	3.0 (1.9)
Rose Special	13	8.8	4.2		13 (5.5)	26 (21.5)	4.4 (2.7)
Ericaceous Feed	12		10.7	1.3	10 (4.4)	10.8 (9.0)	4.4 (2.7)

Product	Elemental content (% w/w)						Calculated EC (mS) @ 1g/l
	B	Cu	Fe	Mn	Mo	Zn	
Solufeed 1:1:1	0.025	0.010	0.175	0.060	0.005	0.002	1.0011
Solufeed 4:1:2	0.025	0.010	0.175	0.060	0.005	0.075	0.6117
Solufeed 1:5:1	0.025	0.010	0.175	0.060	0.005	0.075	0.7727
Solufeed 2:1:4	0.021	0.010	0.175	0.060	0.005	0.075	1.1475
Rose Special	0.010	0.002	0.004	0.004	0.001	0.002	1.3300
Ericaceous Feed	0.015	0.017	0.060	0.034	0.001	0.017	1.5000

Cu, Fe, Mn and Zn as EDTA unless otherwise stated, B and Mo present as inorganics

Appearance: Blended crystalline powder which dissolves to exhibit a blue indicator dye.

Solubility in water: Varies but typically more than 200 g/l (at 20°C)

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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