



Organic Plant Feeds

Liquid organic plant feeds for horticultural and agricultural organic production systems

Features and Benefits

Liquid Organic Plant Feeds in various analyses for use in the organic (biological) production of fruit, vegetables and other crops. Standard and custom blends available.

Organic Plant Feed (OPF) is a liquid plant feed that has been approved for use in controlled input organic farms by the Soil Association and Ecocert.

OPF is custom blended using Soil Association approved raw materials, and is available in a different N:P:K ratios for use in organic crop production.

The raw materials used to formulate OPF ensure that there is a high level of micronutrients and sugars. These will work in harmony with bacterial and mycorrhizal fungal products.

This product is manufactured to the Soil Association Certifications standards under licence number II16915.



Directions for use

Mix 1 litre of Plant Feed with a minimum of 10 litres water and apply at desired rate. Can be tank mixed with water soluble bacterial products and Yuccah natural wetting agent.

STIR WELL BEFORE USE

Foliar Application: 5 litres in a minimum of 150 litres water per hectare.

OPF contains around 40% ammoniacal nitrogen, allowing it to be used as an excellent foliar feed. Apply after the first true leaves appear, repeating every 14 days, for 3-5 cycles.

Note: Rates are a guide only. Over application may cause slight scorching.

Glasshouse Crops: Use as a 1% final solution applied through the drip irrigation system.

OPF has been specially formulated for drip irrigation, and will not block in-line filters.

OPF is ideal for use in supplementing the feeding of greenhouse crops by adding to the nutrient input of compost already incorporated into the soil. The nutrients are quickly available to the plants and the sugars contained within the OPF enable the action of soil microbes in the existing soil composts, further aiding nutrient release.

The relatively high viscosity of OPF can sometime be an issue where dosing pumps (eg Dosatron) are employed. If the viscosity is too high, then dilute the stock solution 50:50 with water and adjust the setting or dosing time accordingly.

It is recommended to use prepared stock solutions within two days.

Field Crops: 25 to 50 litres in 500 to 1000 litres water OPF can be applied to field crops; such as salad crops, brassicas and potatoes.

OPF contain a combination of fast and slow-release nitrogen lasting up to three weeks. Apply regularly to crop to maintain adequate available soil nutrient status. To prevent possible leaf scorch, irrigate with plain water after application when dilution is less than mentioned above.

Composition

This product contains a blend of fermented plant based remnants from sugar beet and potato processing. Typical analyses of standard products are shown below. Because of the OPFs are natural products N, P and K values can vary by 15%.

Element as %	Unit	Product		
		4:2:8	5:2:5*	7:2:3*
Total nitrogen (N)	% (w/w)	3.3 - 4.2	4.8 - 5.2	6.8 - 7.3
Phosphorus, as (P ₂ O ₅)	% (w/w)	1.6	2.0 - 2.5	2.5 - 2.8
Potassium, as (K ₂ O)	% (w/w)	6.9 - 7.8	5.0 - 5.5	2.2 - 2.5
Boron (B)	mg/kg	20	19	18
Calcium (Ca)	% (w/w)	0.2	0.2	0.2
Copper (Cu)	mg/kg	14	14	10
Iron (Fe)	mg/kg	84	85	38
Magnesium (Mg)	% (w/w)	0.5	0.4	0.2
Manganese (Mn)	mg/kg	18	19	19
Zinc (Zn)	mg/kg	56	52	38
Sodium (Na)	% (w/w)	0.7	1.0	1.2
Sulphur (S)	% (w/w)	0.9	1.3	1.7
Total solids	% (w/w)	49.3	57 - 58	59
pH	-	5.5 - 6.0	5.5 - 6.0	5.5 - 6.0
Amino Acid Content	% (w/w)	10 - 12	14 - 16	16 - 18

* Standard products.

General information

Specific gravity: 1.3

Packaging: 20 litre jerry cans and 1000 litre containers.

Shelf life: 2 years

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

Precautions

Product must be stored and handled in accordance with the Soil Association Certified Products scheme.

Do not reuse container for any other purpose.

PROTECT FROM FROST

Wear protective gloves and safety goggles.

KEEP OUT OF REACH OF CHILDREN

Keep containers tightly sealed when not in use.

Do not allow product to freeze.

Keep out of direct sunlight.

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

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.

Please note that products may differ or be unavailable in certain territories.



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