



## ***Easy-Feed Extra***

Liquid NPK Plus Fertilizer  
Improved version of original Easy-Feed

***Concentrated liquid feed WITH  
calcium***

### **Description**

A complete liquid fertiliser solution containing a balanced mix of all essential nutrients ***including calcium*** to promote healthy and vigorous plant growth.

Very simple and convenient to use - just dilute with water and feed.

Suitable for a wide range of plants growing in soil and most types of artificial growing media.

Also suitable for hydroponics and for careful foliar application.

***“Everything plants need in one pot...”***

### **Directions for use**

**Rate of use:** The standard rate is 5.0 mls (one teaspoon) of ***Easy-Feed Extra*** per litre of water but this can be varied according to crop needs in the range 2.5 – 7.5 mls 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 7.5 mls per litre.***

**Application:** Just like other liquid feeds ***Easy-Feed Extra*** is usually applied via a normal watering can. Simply add the appropriate amount of ***Easy-Feed Extra*** to the can, add water and apply liberally to the plant root area.

**Frequency of use:** While plants are actively growing ***Easy-Feed Extra*** can be applied with every watering.

**Always read the label on the product you purchase before use. This provides product specific 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.

**Easy-Feed Extra** can be applied to plant foliage via a hand or knapsack sprayer or similar equipment.

Prepare a 0.1 - 0.2% (1.0 - 2.0 mls 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 2 mls 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.

## Hydroponics (Proprietary systems, 'Rockwool', NFT, perlite etc)

**Easy-Feed Extra** was originally developed as a simple to use "one pack" hydroponics fertilizer, supplied in concentrated form ready to dilute. Easy-Feed Extra has three key attributes for hydroponics:

1. It contains a small amount of ammoniacal nitrogen which provides just the right degree of pH buffering.
2. Contains calcium so no need for a separate calcium nitrate source.
3. The iron is chelated by DTPA – more stable than EDTA

Rate of use is typically 4.0 – 6.0 mls per litre of final feed solution. However this depends upon the background level of nutrients in the source water and the target electrical conductivity (EC) which is proportional to the total nutrient concentration. As a guide a rate of 5.0 mls per litre in pure water will provide the following approximate nutrient levels (ppm):

Nitrogen (N)	253	Boron (B)	0.3
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	85	Copper (Cu)	0.3
Potassium (K <sub>2</sub> O)	200	Iron (Fe)	2.3
		Manganese (Mn)	1.3
Magnesium (MgO)	160	Molybdenum (Mo)	0.1
Calcium (CaO)	170	Zinc (Zn)	0.9

For fruit crops such as tomatoes and strawberries it is usual to increase the rate of use as the crop reaches flowering and then during fruit production. In EC terms starting at 1,000 – 1,500 µS/cm and ending up at 2,200 µS/cm (or more if the crop can support it).

## Analysis

EC FERTILIZER	w/v	w/w
Total Nitrogen (N)	5.06%	4.29%
Nitric Nitrogen (NO <sub>3</sub> )	4.90%	4.20%
Ammoniacal Nitrogen (NH <sub>4</sub> )	0.20%	0.10%
Ureic Nitrogen (Ureic-N)	Nil	Nil
Phosphoric Pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water	1.70% [P : 0.73%]	1.40% [P : 0.62%]
Potassium Oxide (K <sub>2</sub> O) soluble in water	4.00% [K : 3.30%]	3.40% [K : 2.79%]
Magnesium oxide (MgO) soluble in water	3.20% [Mg: 1.94%]	2.70% [Mg:1.65%]
Calcium oxide (CaO) soluble in water	3.40% [Ca: 2.43%]	2.90% [Ca: 2.06%]
Water soluble Boron (B)	0.006%	0.005%
Water soluble Copper (Cu) chelated by EDTA	0.006%	0.005%
Water soluble Iron (Fe) chelated by DTPA	0.045%	0.038%
Water soluble Manganese (Mn) chelated by EDTA	0.025%	0.022%
Water soluble Molybdenum (Mo)	0.0027%	0.0023%
Water soluble Zinc (Zn) chelated by EDTA	0.017%	0.014%

## General information

**Packaging:** 1 and 10 litres

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

**Compatibility:** Use alone. Do not mix with other products.

## Precautions

Causes serious eye irritation.

Keep out of reach of children

Avoid contact with skin and eyes: In case of contact with eyes rinse immediately with plenty of water and seek medical advice: wear suitable protective gloves and eye/face protection.

Protect from frost. Store above 5 °C. Do not store in 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.

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