



**Analysis (w/w):**

Nitrogen (N)	8.5%
Phosphorus (P2O5)	8.5%
Potassium (K2O)	7.2%
Sulfur (S)	1.6%
Calcium (Ca)	1.3%
Magnesium (Mg)	0.7%
Iron (Fe)	883 mg/kg
Manganese (Mn)	122 mg/kg
Zinc (Zn)	87 mg/kg
Boron (B)	178 mg/kg
Copper (Cu)	181 mg/kg
Selenium (Se)	162 mg/kg

**Application Recommendations:**

NuGro used with conventional fertilisers  
 Foliar: 1 Litre / 1000 Litres water regularly throughout the growing season.  
 General use: 2.5 - 3 Litres / Ha in 2000 Litres of water.  
 Knapsack application: 3 Litres / 100 Litres of water / 1000 m<sup>2</sup>.  
 Nutrient levels are based on average of dried biomass.  
 General Use: 50 Litres / Ha in 1000 Litres of water / 50 ml / 10 Litres / 1000 m<sup>2</sup>.  
 Nutrients for plant propagation:  
 10 ml per standard tray in up to 1/2 litre water.  
 Apply 3-6 times as required.

Contains: 20 Litres HFL218B L3-D-P44-12/15

Category 3 Derived Animal By-Product: Not for Human Consumption  
 Organic fertiliser/soil improver:  
 No grazing of lambs or areas on use of crop heritage during at least 21 days following application

# NuGro

## Liquid Fertilisers for use in Organic Growing Systems



A range of exceptionally effective and easy-to-apply fertilisers for both organic and conventionally grown crops.



### The NuGro Range

#### Promote healthy growth utilising natural materials

**A range of easy to apply liquid fertilisers, suitable for use on both organic and conventionally grown crops.**

The NuGro range is an efficient naturally derived alternative to synthetic fertilisers. Providing a full range of nutrients that are easily absorbed and utilised by plants, they are the ideal way to boost crop growth and quality in harmony with nature.

It can be applied as a foliar feed or as a periodic root drench via fertigation systems. When applied as a root drench NuGro also benefits soil or growing media biological activity, increasing health and productivity of both the crop and the surrounding root zone.

NuGro has been developed to provide the correct range of analysis combinations of nutrients to suit a wide variety of crops and situations – see the table below for further details.



### Formulations

<b>8-8-7</b> (Fish Blood & Bone)	<ul style="list-style-type: none"> <li>• A finely-ground fishmeal suspension that provides a balanced NPK formulation</li> <li>• Generous levels of trace elements (including iron)</li> <li>• Rich in amino acids to aid stress tolerance</li> <li>• Ideal as a rapid green-up feed</li> </ul>	Nitrogen (N): 8% Phosphorus (P <sub>2</sub> O <sub>5</sub> ): 7.8% Potassium (K <sub>2</sub> O): 7.2% Calcium (CaO): 1.3% Magnesium (MgO): 0.3% +TE
<b>7-2-2</b>	<ul style="list-style-type: none"> <li>• Formulated entirely from plant extracts</li> <li>• Highest nitrogen formulation ideal for boosting spring growth</li> <li>• Provides calcium to support young growth</li> </ul>	Nitrogen (N): 7.2% Phosphorus (P <sub>2</sub> O <sub>5</sub> ): 2.2% Potassium (K <sub>2</sub> O): 2.2% Calcium (CaO): 0.5% Magnesium (MgO): 0.3% +TE
<b>6-2-4</b>	<ul style="list-style-type: none"> <li>• Formulated entirely from plant extracts</li> <li>• Provides calcium to support young growth</li> <li>• For spring and summer use</li> </ul>	Nitrogen (N): 6.2% Phosphorus (P <sub>2</sub> O <sub>5</sub> ): 2.1% Potassium (K <sub>2</sub> O): 4.0% Calcium (CaO): 0.5% Magnesium (MgO): 0.3% +TE
<b>4-2-6</b>	<ul style="list-style-type: none"> <li>• Formulated entirely from plant extracts</li> <li>• For use throughout the growing season</li> <li>• A higher potassium ratio benefits fruit and flower development</li> </ul>	Nitrogen (N): 4.2% Phosphorus (P <sub>2</sub> O <sub>5</sub> ): 2.0% Potassium (K <sub>2</sub> O): 6.1% +TE





## Application Rates

NuGro is delivered in a concentrated, cost effective formulation. It is suitable for application through conventional spray equipment or applied through drip irrigation systems. It is easily diluted with water at the time of application.

Acting as a 'glue' to the leaf surface, NuGro resists being washed off from rain or irrigation. It also acts as a surfactant, breaking down surface tension of water on foliage to achieve full coverage. Both of these properties ensure excellent uptake.



Foliar application rates		
Crop	Litres of NuGro / ha	Application timing
Soft fruit	5	Apply every 7 days from start of growth to fruit swell.
Vines	2.5 at first application, 5 subsequently	Apply immediately after flowering then at 7 day intervals during rapid growth, then apply at 21 day intervals up to fruit just ripening.
Top fruit	5	Through the growing season from leaf expansion at 21 day intervals.
Vegetables	3 - 5	From planting through the crop cycle every 7 days.
Pot and bedding plants	3	From planting through the crop cycle every 7 days.
Nursery stock and landscape plants	5	From leaf expansion every 14 days through the growing season.

NuGro for soil and growing media application through trickle irrigation (all crops)	
Rate of use per ha	Stock solution for application via Ddsatron
20 to 30 litres per ha in 10,000 to 20,000 litres of water at weekly intervals.	30 litres of NuGro plus 70 litres of water to make 100 litres of stock solution. Dilute at 1:100 (1%) through Ddsatron to produce 10 000 litres of fertigation solution

## Accreditation

The NuGro range is accredited by the Soil Association for use in organic growing systems.

**Licence No. I3022**

**8-8-7 and 7-2-2:**

Approved for restricted use in organic systems for all crops, subject to approval by certification body.

**6-2-4 and 4-2-6:**

Approved for use in organic systems for all crops.





# Hortifeeds

NuGro Horti  
 HortiChel HortiKelp HortiE  
 HortiCron HortiPhos Ho  
 HortiFlush HortiVeg Ho  
 HortiBoost



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