English

GreenHaze

GreenHaze was formulated by one of the world's leading nutrient chemists. The two formulations are calculated to the highest possible standard of accuracy and manufactured from the purest and most soluble mineral salts. Formulations are constantly under review to ensure that new information is taken into account. These solutions bring professional standards to the amateur and hobby grower.

GreenHaze

A high performance formulation designed by professionals to deliver peak plant performance in all types of cultivation.

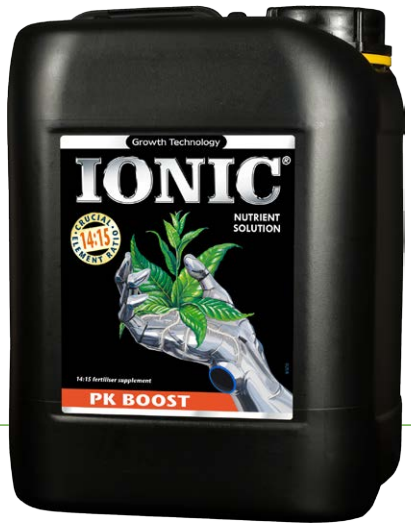
GROW and BLOOM

GreenHaze is available in two distinct formulations, each with a different ratio of the macro elements. The **Grow** formulation is designed to supply the needs of the plant during the vegetative stage of its growth cycle. High levels of nitrate-nitrogen will encourage rapid leaf and shoot growth and maximise the potential of the young plant to produce fruit and flowers later in its life.

The **Bloom** formulation is dedicated to the fruiting and flowering stage of plant growth, containing slightly reduced levels of nitrogen but greatly enhanced levels of phosphorus and potassium, the elements required for the development of heavy harvests.

IONIC PK BOOST 14:15

PK BOOST is a nutrient supplement designed to be used in the final few weeks before harvest. **PK BOOST** allows the grower easy control of the extra phosphorus and potassium that can lead to bumper yields. **PK BOOST** is an ideal addition to GreenHaze but it can also be used very effectively with any good quality nutrient solution of the **Bloom** variety.



For more information on GreenHaze *nutrients, please visit*
www.growthtechnology.com

GreenHaze Twin Packs are available in three sizes:

2 litres *(2 x 1 litre A & B)* **– 2 litres of concentrate makes up to 280 litres of full strength solution.**

10 litres *(2 x 5 litre A & B)* **– 10 litres of concentrate makes up to 1,400 litres of full strength solution.**

40 litres *(2 x 20 litre A & B)* **– 40 litres of concentrate makes up to 5,600 litres of full strength solution.**

Designed by professionals... fine-tuned by experience

Instructions for use GreenHaze

Making up a twin pack like **GreenHaze** is very easy. It is necessary to know the volume of the tank. This is called *final tank volume*.

For every 5 litres of final tank volume

1. Add **20 ml** of solution **A** to the empty nutrient tank.
2. Add tapwater to the nutrient tank until it is approximately half full. **Stir vigorously.**
3. Add **20 ml** of solution **B** to the container – preferably whilst also adding water to help mix the solution.
4. Add tapwater until container is full. Stir again.
5. Now check the conductivity of your solution using a meter. Suggested values are given below. One may need to add more concentrate. Make sure to add **equal amounts of A and B** and stir well in between. Use an EC meter to determine the exact conductivity. Make a careful note of the amount of nutrient concentrate needed to get the conductivity right. Write this figure on the wall near the tank. Then add the right amount each time a batch of solution is made up. This will make the job quicker and more efficient.
6. Check and correct **pH** (see note on pH). Make a note of how much acid is required to bring pH to desired level. Write this on the wall as well. **This information will save you time.**

Now make a final check of both pH and Conductivity using meters.

Add IONIC PK BOOST during the flowering cycle

1. Make up a **GreenHaze Bloom** formulation in the usual way.
2. Stir tank thoroughly.
3. Add **IONIC PK BOOST** to tank at the rate of 1 ml/litre.
4. Stir again then check and correct the pH.
5. Use nutrient in the normal way. **IONIC PK BOOST** can be added to the tank on a weekly basis for the final six weeks before harvest.

The tank of full-strength nutrient solution is now ready for use.
Remember to give it a stir before using. Keep it covered when not being used.
If half-strength solution is required just mix with an equal volume of tap water in a bucket or watering can.

pH

pH is a measurement of **acidity** or **alkalinity**. On a scale of 1 to 14 neutrality is expressed as 7. Higher numbers are alkaline, lower numbers are acidic. The ideal pH for these nutrient solutions is 6.0. pH can be measured with a meter or with indicator solution and is then corrected by adding small amounts of **pH UP** which is an alkaline solution and will raise the pH, or **pH DOWN** which is acidic and will lower it.

For more information on pH, *please visit* **www.growthtechnology.com**

Conductivity

The conductivity of a solution is usually referred to as the **EC** or **CF** of that solution. It is simply a way of measuring the "strength" of a solution by using a meter that passes a weak electric current through it. It is possible to make up and use these solutions without using a conductivity meter, but the wise grower will always use one for final adjustment. For re-circulating systems, such as NFT, the grower will certainly need a meter to monitor the changing conductivity of the nutrient in the tank. Conductivity meters are inexpensive and reliable and can be obtained from a local hydroponic supplier.

Suggested pH and conductivity levels

Application	Ideal pH	EC
For active and passive hydro systems and for non-recirculating systems like AutoPot	6.0	2.0 mS/cm (20 CF units)

Material Safety Data Sheets are available online at www.growthtechnology.com or by calling Growth Technology on 0845 430 3001

www.growthtechnology.com

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