

MASTER GROWER

Using our products correctly

To ensure that a high-performance fertiliser like MASTER GROWER gives you full satisfaction, always keep your growing environment perfectly clean, free of pests and pollutants. Fertilisation is not the only parameter helping you grow successful plants.

We recommend using only the products listed in the dose tables.

Prepare your feed solution carefully

- Always put water in the tank before adding the fertiliser, never the reverse.
- Fill your tank 3/4 full.
- Add the required dose of VEGETATIVE GROW for a full tank.
- Mix vigorously. Add the FLOWERING STAGE dose if necessary and mix again.
- Remember that our fertilisers are very concentrated. Do not add any other product other than the ones we recommend, to avoid harmful interactions and overdoses.
- Fill your tank to its maximum and check the EC rate of your solution.
- If necessary, add more fertiliser a little at a time until you achieve the desired concentration.
- If your feed solution is too concentrated, add water until you achieve the appropriate EC rate. Check and regulate the pH if necessary.

pH and EC

There should be as little variation as possible in the solution's pH. We advise using a pH regulator with several components such as 3acid Down to obtain a sustainably-stable solution.

Do not use an air pump with a bubbler in the tank as this changes the solution's pH. Prefer a mixing water pump which keeps the solution moving.

In hydroponic, aeroponic and coco cultures, the feed solution must have a pH of between 5.6 and 5.8. A pH of between 5.8 and 6.5 is better for rockwool. Calibrate your pH-meter and electroconductivity tester every fortnight and test the feed solution every day.

It is better to give a slight underdose rather than an overdose.

- Watch out for overdosing: if your plants receive an overdose of fertiliser, give them pH-regulated water only for two to three days.
- If appropriate, add a half-dose of XtraRoots to the tank to help the roots regain their vigour, help assimilate the overdosed elements and limit stress. To avoid this type of problem,

always be very careful and attentive when preparing your feed solution. An overdose can cause dramatic, irreversible consequences for your plants. It is better to give a slight underdose rather than an overdose.

Watering plants

The temperature of the feed solution must always be between 18° and 22°C. Use a tank heater if necessary.

In hydroponic culture, prepare a full tank and leave the plants to consume as much feed solution as possible (at least three-quarters). Check the EC and pH every day and regulate if necessary. Add water if required to lower the EC. Ideally, the solution should be consumed within a fortnight at most, to maintain optimum nutrient quantity and quality.

Before launching flowering, water the culture medium with pH 6.0 water without feed. In soil and coco, add pH 6.0 water without feed every third time of watering.

Do not top up the remaining solution with a new solution. It is better to empty the tank. Avoid throwing the remaining solution into the water discharge pipes to protect the environment. Use it to water your ornamental or garden plants.

Peroxide: we can see no reason against using hydrogen peroxide to increase the dissolved oxygen rate in the solution. It is, on the other hand, absolutely essential to use very pure, food-quality peroxide and to pre-dilute it in water before adding it to the feed solution.

Rinsing - End of culture

For hydroponic and aeroponic cultures of condiment plants, it is advisable to use only regulated pH water for one week prior to harvest. This technique is used so that the plants assimilate the remaining nutrients and impart maximum flavour and aroma.



VEGETATIVE GROW can be used alone when growing starts, then in combination in varied proportions with FLOWERING STAGE for a balanced feed perfect for the different growing and flowering cycles.

- For exacerbated development of the root system, use XtraRoots at the first sign of rooting.
- To increase quality and yield, add MASSIVE BLOOM from the third week of flowering.
- For improved yield and a totally organic intake, use LIQUID OCEAN as a spray until pre-flowering or directly in the solution until flowering has finished.

All our products may be used alone. In this case, refer to the doses stated on the labels or on our site www.hydropassion.eu.

Important:

- Read the instructions and recommendations for use carefully before use.
- Store our products below 10°C and away from light.



www.hydropassion.eu

Dealer's stamp



HYDROPASSION

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