

eSHa CRYPTOPLUS™ - PLANT GROWTH BOOSTER

FOR ALL AQUATIC PLANTS.

What is CRYPTOPLUS?

CRYPTOPLUS is a unique formulation for aquatic plants that helps them achieve their real potential. If you keep plants in your aquarium then CRYPTOPLUS can be used to enhance their growth, colour and health. CRYPTOPLUS contains colloids, inorganic-basic substances, feeding salts and minerals specially prepared to stimulate aquatic plants. CRYPTOPLUS is safe to use with all tropical and coldwater fish.

How does CRYPTOPLUS work?

CRYPTOPLUS works by stimulating the internal osmosis process and enhancing local transport of nutrients through plant cells and leaf veins. CRYPTOPLUS also helps to improve photosynthesis. In effect it accelerates the biological processes therefore boosting the levels of available nutrients, light and CO₂ that your plants absorb.



For the hobbyist this means a significant increase in the abundant growth, colour and health of aquatic plants. Under the right conditions, CRYPTOPLUS will work better than a CO₂ system / fertilizer combination. In addition, it will enhance the colour of your plants more than a CO₂ system by increasing the level of nutrients that are utilised.

Can I use CRYPTOPLUS with all aquatic plants?

CRYPTOPLUS can be used successfully with all aquatic plants. However, the best results will occur with Cryptocoryne, Stratiotes, Marsilea, Acorus and other 'redleaf' plants in freshwater aquaria. Their shapes and colours mean they have an important place amongst aquatic plants but tending them can prove complicated and often unsuccessful.

CRYPTOPLUS helps to solve any problems you may encounter. If used weekly (as recommended) it can help prevent problems before they arise. Your plants will flourish like never before with CRYPTOPLUS.

What benefits will I see as a result of using CRYPTOPLUS?

The benefits of CRYPTOPLUS become visible in a matter of days.

You will see:

- A significant increase in plant growth, colour and health.
- Wide, healthy branching of plant stems.
- The formation of new layers and leaves.
- The formation of well developed leaves with deep, lustrous colours.
- Dull leaf surfaces brighten (CRYPTOPLUS removes precipitation in the pores of the leaves).

CRYPTOPLUS also benefits your plants by:

- Preventing transparent bruised patches.
- Resolving 'cucumber shape'.
- Helping to prevent 'collapsing of leaves'.
- Preventing ragged edges.
- Resolving slow, disappointing growth.

Does CRYPTOPLUS have any other uses?

As well as enhancing plant growth and colour, this product can also be used to prevent and stabilise the following ailments:

- The dreaded 'slimy leaf disease' (In Cryptocoryne species).
- 'Leaf-hole' disease.

What use are plants in my aquarium?

A flourishing, planted aquarium looks beautiful and encourages your fish to display their natural colours. Your fish will be happier in a healthy planted aquarium as many fish are used to plants in the wild that provide them with essential 'hiding-places'. Plants help maintain a healthy biological balance by producing Oxygen and using up Carbon Dioxide (the bi-product of fish respiration) during photosynthesis. Plants also absorb nitrates and suppress algae which can otherwise be detrimental for your fish.

How do I keep my plants in good health?

Approximately 70% of aquarium plants draw their required nutrients directly out of the water through their leaves. The main function of the roots is to serve as an anchor in the soil. Plants need sufficient light, minerals and salts to grow properly.

The growth of plants is dependent on what nutrients are available and the lack of one or more nutrients leads to pale colours, insufficient leaf development and general poor health. Most plants need the same growth materials in similar proportions. eSHa PRO-PHYLL (Plant Food and Nutrients) provides a comprehensive package of nutrients for a wide range of aquatic plants.

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Dosage

1 Calculate the volume of your aquarium. Calculate only the area occupied by water (deduct 10% for heavily decorated aquariums).

Litres	Length x Width x Depth in cm	: 1000
Gallons	Length x Width x Depth in inches	: 276
1 Litre = 0.22 Gallons	1 Gallon = 4.54 Litres	

2 Locate your aquarium volume on the dosage scale (metric or imperial). Read down to find the corresponding number of drops required.

Example: A 100 litre (22 Gallon) aquarium needs a weekly dose of 20 drops.

3 Add drops of CRYPTOPLUS to your aquarium by holding the bottle upside down and squeezing the pipette (20 drops = 1ml).



Standard dosage

Forming and maintaining healthy plants, weekly: 20 drops

One bottle (20ml) of CRYPTOPLUS is enough to complete the standard dosage for a 2000 litre (440 Gallon) aquarium.

Dosage exceptions (For 100 Litres / 22 Gallons)

• **Extended Dosage:** For damaged plants and slow growing plants:

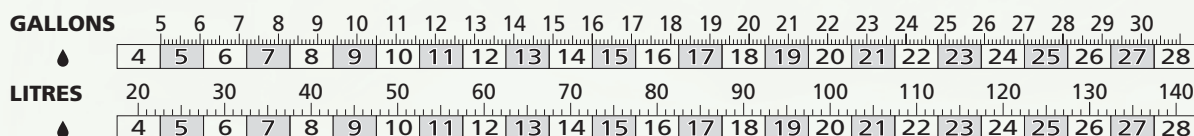
Day 1: 20 drops, Day 2: No dose, Day 3: 20 drops

• **Prolonged Dosage:** For holes in leaves and slimy leaf diseases/bruised patches:

Day 1: 20 drops, Day 2: No dose, Day 3: 40 drops

Day 4: No dose, Day 5: 20 drops

WEEKLY



Conditions needed for plants to perform

Despite the broad scope of this product CRYPTOPLUS is not a miracle cure-all. Results will vary depending on a variety of factors that contribute to plant growth. For example, if there are not enough available nutrients, plants can not flourish, even with the aid of CRYPTOPLUS. A number of areas require attention for successful plant growth (see an authoritative plant keeping guide).

- Light levels.
- Soil type.
- Flow / Circulation.
- CO2 levels.
- Non-plant eating Fish.
- Frequent trimming of plants.
- Calcium (Hardness needs to be 4-10°GH).
- Nutrient levels (Specifically:- Iron, Magnesium, Calcium).

What precautions must I take when using CRYPTOPLUS?

CRYPTOPLUS is safe for use with all freshwater aquatic plants, fish and filter media. It is nitrate free and consequently will not encourage algae growth.

Water Changes?

It is generally not necessary to do a water change before or after using CRYPTOPLUS. However, there are a few exceptions where a partial water change should be carried out:

1 In the case of poor water quality. Regular testing with eSHA Aqua Quick Test can identify water quality problems in time to take corrective action when needed.

2 If you are close to your regular water change.

3 If using any water conditioners - These can have a negative effect on CRYPTOPLUS.

It is beneficial to dose CRYPTOPLUS after completing your regular water change.

Interactions (with chemically active substances)?

Chemically active substances, such as (fresh) active carbon, excessive use of dechlorinators, UV, oxidizers, etc. can degrade or remove this product. Which causes the effectiveness to decrease. In that case remove active carbon etc. and perform a large water change.

Sediment?

You may notice flake-like sediment forming in your bottle of CRYPTOPLUS. This can form under certain conditions because CRYPTOPLUS contains no artificial preservatives. The sediment is a natural compound, is totally harmless and will not affect the performance of CRYPTOPLUS. The sediment dissolves harmlessly in your aquarium.

Storage:

It is recommended to store this product at room temperature. Do not store below freezing.

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Warnings:

- Always read the leaflet before use.
- This product may stain if spilt.
- Keep out of reach of children.
- Store bottle and leaflet in original packaging.
- For freshwater aquariums only.
- This product may discolour the water.
- Keep away from eyes, cuts and sensitive areas.
- This information is subject to change.
Please check if you have the latest version.
- This information is general product information
not to be mistaken for the instruction leaflet.
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TOGETHER WE WILL FIND THE SOLUTION

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