

CONTROBASE





CONTROBASE

Substrate supplement

A highly porous, nutrient-rich substrate designed for planted aquarium use. Composed of pumice stone infused with slow-releasing Nitrogen, Potassium, Phosphorous and trace elements, it provides numerous benefits such as support for heavy root-feeding aquatic plant species and excess nutrient regulation. Its larger 6–8mm granule size promotes improved water flow and oxygenation, cultivating beneficial bacteria growth and improving plant vitality.



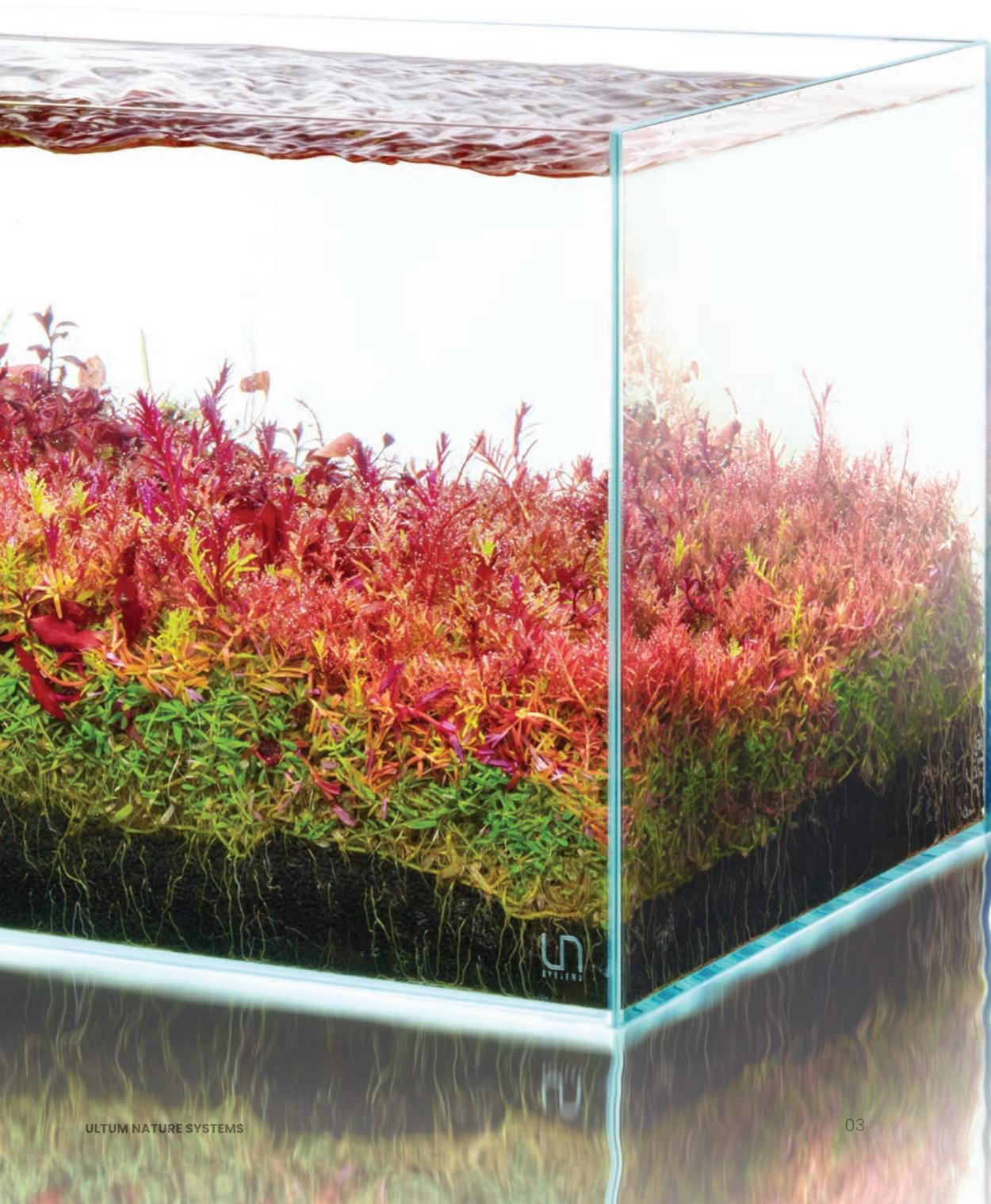


SKU	VOLUME (L)	NUMBER OF MESH BAGS	TANK RECOMMENDATION
UNSCB2L	2	4 x 0.5L	20 gallons (75 Liters) or smaller [UNS 60U]
UNSCB8L	8	16 x 0.5L	114 gallons (432 Liters) or smaller [UNS 120U]

Available in two bag sizes

It is versatile and can be used with Ultum Nature Systems Controsoil and Controsand, depending on setup needs and overall preference. The nutrients in Controbase will last approximately three months. It also continuously absorbs and slowly releases excess nutrients introduced into the aquarium over time.





CONCEPT

To test and observe aquarium plant growth using Controbase, a semi-Dutch aquascape was created. Diverse stem plants with varying nutrient needs, difficulty levels, and colors were selected for optimal growth. Only the background was planted to allow long-term development. None of the plants were trimmed until the 8 month mark.

TANK	UNS 45U 36 GALLONS
SUBSTRATE	UNS CONTROSOIL BLACK EXTRA FINE UNS CONTROBASE 2L (3 of 4 MESH BAGS)
LIGHTING	LED LIGHT FOR 8 HOURS
CO2	UNS DUAL GAUGE REGULATOR - 6.8PH FOR 7 HOURS
FILTRATION	UNS DELTA 60
MAINTENANCE	50% WATER CHANGE ONCE A WEEK
PLANTS	ROIALA MACANDRA 'GREEN' ROIALA WALLICHI ROIALA CEYLON LUDWIGIA NATANS 'SUPER RED' LIMPHNOPHILA AROMATICA POGOSTEMON STELLATUS
FAUNA	CARIDINA MULTIDENTATA
SETUP DATE	MAY 2024



Mesh for less mess

For convenience, Contrabase comes pre-bagged in mesh filter bags for easy removal and reusability. Additionally, the bags can be stacked to create varying substrate slopes, allowing for unique aquascaping layouts.

CONTROSYSTEM



CONTROBASE + CONTROSOIL

Heavily planted aquariums with various stem plants and/or heavy root feeders such as Echinodorus and Cryptocoryne.



CONTROBASE + CONTROSAND

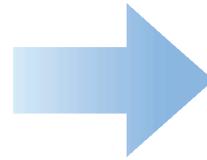
Light to moderately planted aquariums that contain less demanding plant species.



LAYOUT

STEP 1

Place into the aquarium, away from glass panels.



STEP 2 [Optional]

Stack bags for substrate elevation or place in areas of dense planting.



STEP 3

Top off with planted aquarium substrate or cosmetic sand and gravel.



STEP 4

Plant.

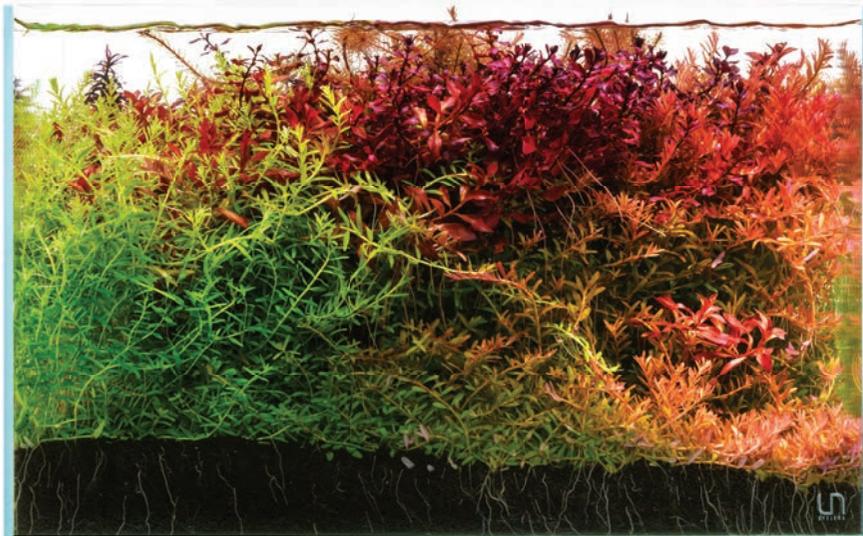


GUIDE

3 MONTHS GROWTH



8 MONTHS FULL MATURITY



3 MONTHS BACK VIEW



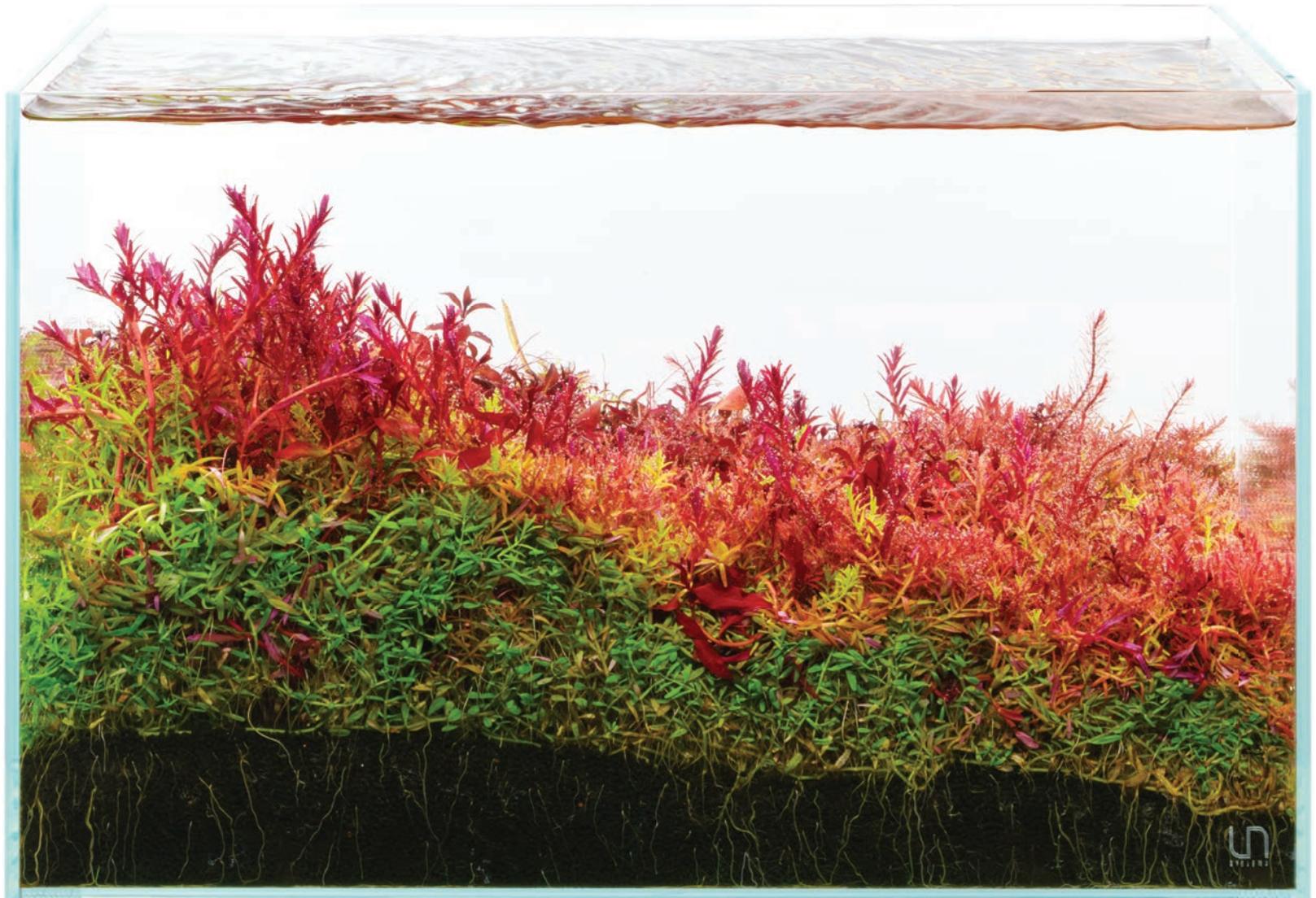
What was observed?

During Controbase testing, plants exhibited significantly faster growth by benefiting from direct access to a root-fed nutrient source. The slow and sustained nutrient release enabled prolonged, healthy development before the need for additional liquid fertilization and trimming was required.

CONTROBASE + CONTROSOIL + PLANT FOOD

Ultum Nature Systems products are designed to work together as complete a "system". For months, the new Controbase and Plant Food were tested in combination to ensure each product's effectiveness as part of the Ultum Nature System. Plant Food in particular was developed over three years with multiple formula variations. All three products were then tested together to promote optimal aquarium plant growth in this UNS 45U.

9 MONTHS TRIMMED AND MAINTAINED



ULTUM NATURE SYSTEMS

2025 Catalog

All data and specifications presented are subject to change without notice and at any given time due to improved product research and development. Please contact your nearest authorized retailer for more information or visit us online: ULTUMNATURESYSTEMS.COM

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