

# MAKE & KEEP

Substrate material produced from natural black soil, Promoting healthy aquatic plant growth and that is less cloudiness of water

ADA NATURE AQUARIUM GOODS

## AQUA SOIL-AMAZONIA II



Aqua Soil-Amazonia II is a new substrate produced from natural black soil, different from Aqua Soil Amazonia. It has a characteristic that water does not become cloudy though it does not decrease pH much.

### AQUA SOIL-Amazonia II Easy-to-use substrate material for aquarium starters.

AQUA SOIL-Amazonia has been used as a standard substrate material of the Nature Aquarium by planted aquarium hobbyists in the world over long years because of the abundant nutrients contained

in natural black soil. But the Amazonia soil has a drawback, making aquarium water in some cases cloudy at early stage of setting, and aquarium starters may feel awkward to use the Amazonia soil. To solve this, last year, AQUA SOIL-Amazonia Light was released. As indicated on the diagram below, AQUA SOIL-Amazonia Light has a characteristic that it lowers the pH of water as well as Amazonia,

### MAKE & KEEP

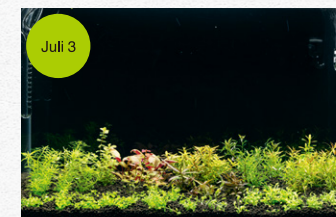
The substrate where the aquatic plants grow with roots is the most important part of the Nature Aquarium. Among the AQUA SOIL series, produced from natural soil, AQUA SOIL-Amazonia made from black soil has become a standard substrate material from its high performance in aquatic plants growth. Here we introduce features of new substrate material, AQUA SOIL-Amazonia II.

AQUA SOIL-Amazonia



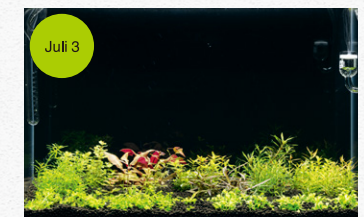
It made the water a bit cloudy at early stage of aquarium setting. The aquatic plant grows at a high pace in almost all kinds, and in about a month and a half, the stemmed plants have grown filling all the space of the aquarium.

AQUA SOIL-Amazonia II



Growth of aquatic plants is slower than that of Amazonia, but almost all the species grew in healthy condition (Undergrowth grew inside the substrate). Water transparency remains high.

AQUA SOIL-Amazonia + II



On the substrate with Amazonia underneath, and Amazonia II on top, the growth of aquatic plants is intermediate between the two. The color of red aquatic plants is good, and the water transparency is also high.

and has less components to dissolve in water, so it is difficult to contaminate the water. On the other hand, the growth of aquatic plants was slower than that of Amazonia explosively growing aquatic plants, and there were voices calling for faster growing of aquatic plants. AQUA SOIL-Amazonia II is a new type of substrate which elutes about same amount of organic materials as Amazonia soil (mea-

sured with COD level), and twice as much as nitrogen content (measured with  $\text{NH}_4$ ,  $\text{NO}_2$ , and  $\text{NO}_3$  level) of AQUA SOIL-Amazonia Light, though pH value does not drop like Amazonia Light. As below, you will find comparison of growing aquatic plants on Amazonia, Amazonia II, and a combination of both, so please refer to the selection of the substrate in the future.