



Unique in the world: AquaSoil is functioning as lung of the ground !

The reason for the fast and healthy growth of the plants in AquaSoil is the extreme high content of oxygen in the ground.

The special preparation of AquaSoil in a complex production process with new developed plants gives a feature, which looks at the first glance like a mystery or miracle.

In Dubai a Pilot Test was made at the Nakheel Island Development. This property development was envisaged (and has now been implemented) through the sea reclamation in the shape of a 'Palm', and hence the Arabic word "Nakheel". Nakheel is being developed by the property giant Emaar.

The observed plant growth was so fast that the decorative garden was ready in less than half a year.

There was no loss of plants at all and each plant was healthy, full of dark green leaves and a cornucopia of blossoms.

What is causing such astonishing effects?

The chemical water storage within the ground is swelling with each irrigation session and all the used air with a reduced oxygen content in the ground is exhaled, because each single space in the ground is filled up with the water filled polymer.

Due to the water release to the roots the polymer is shrinking and all small spaces between the grains of sand are opening. Fresh air streams from the surface all over into the ground and a big breath is done. Each single root fibre is lapped with fresh, oxygen rich air.

Due to the extreme high oxygen content no anaerobic processes can occur. That means no decay at all, the guaranty for healthy roots. The dropped off plant parts will immediately be converted back to fertiliser by composting, what keeps NPK in a permanent cycle.

With each single irrigation session the breathing process is repeated what leads to the fact that no ground in the world exists with such a high load of fresh oxygen like an AquaSoil ground.

the lungs of your ground !
many-times more oxygen = healthy and fast growth

That means AquaSoil is the lung of the ground and will let the ground breath.