

Tomato growers

Noordhuys Tomatos, Oude-Tonge, Netherland

“Every producer should invest in an OLOID”



Noordhuys Tomatos
<http://www.noordhuys.nl/>

Operation
 1 rain water basin with one
 OLOID Type 400

Period
 Since 2005

Success
 Successful reduction of algae
 growth

Improved oxygenation

Increased visibility range

OLOID operation

After heavy algae growth in the previous 2 years, an OLOID Type 400 was installed in one of the rainwater basins in early 2005. The circulation of the OLOID reduces algae growth and prevents the sinking of biological degradation material on the basin floor. In addition, additional atmospheric oxygen is added to the water.

Clear water

Water measurements were taken in both pools, 3 and 6 weeks after the OLOID installation. The measurements show that the oxygen saturation in the water has risen from 11.26 to 11.4 ppm, while in the pool without OLOID the saturation has dropped by 3 ppm.

Measurement parameters:	Pre-installation	3 Weeks later	6 Weeks later
Oxygen saturation surface:	72%	72%	99%
Oxygen saturation mid-depth:	74%	71%	98%
Oxygen saturation ground:	36%	69%	82%
Temperature difference between surface & bottom:	4 F or 2,2 °C respectively	0 (= mixed)	0 (= mixed)
Light transmission:	76%	81%	73% *
Algae ratio:	913 µg/l	590 µg/l	383 µg/l
(* caused by mixing with groundwater)			