

Water Quality Requirements of Teleostean Fishes

:Turbidity

Turbidity is a measure of the transparency of water in the pond.

The colour of the water gives an indication of what sort of turbidity it is.

If it is brown it is often due to clay and if it is greenish, it is due to *plankton*.

Naturally, catfish are bottom dwellers and therefore, more active at the pond bottom. The result is that grow-out catfish ponds tend to have a muddy look, depending on the colour and clay content of the pond's soil.

Because of this, light cannot penetrate deep and as the production cycle progresses, only superficial phytoplankton can survive in the pond.

The pond looks as though there is a green scum that might turn reddish at some moments of the day at the surface of the water.

This is nothing to worry about because it is only phytoplankton that grows at the

Most of the fishes, cat fishes/carps/ perches/salmons/trouts and tropical ornamental fishes can survive well in Alkalinity range of 50-250 mg/L.