



If your aquarium water is green and in severe cases, looks like pea soup, so thick that the fish are not visible, this is caused by a spread of free-floating, single-celled phytoplankton.

Green water is usually due to either a significant excess of light (particularly direct sunlight), or a major water quality problem. These free-floating algae takes up oxygen just like any other plant and the most immediate threat of green water is oxygen depletion.

Possible Causes:

- Suspended microscopic algae
- Excess light, especially direct sunlight
- Too many fish
- Excess nutrients
- Excess wastes

Your aquarium needs regular maintenance to help keep the water clear and pristine looking. Partial water changes, weekly water testing and filter cartridges replacement are instrumental in keeping a healthy aquarium environment.

Solutions:

- Blocking out light completely, completely block out all light for three days or more is very effective.
- Incorporate diatomic or micron filtration.
- Reduce feedings to every other day and only feed small amounts until the algae problem is resolved.
- Install a UV Sterilizer to help prevent excess algae growth
- Perform 20% water changes every week for one month. This will help reduce the green water temporarily, but will not eliminate it unless routine water changes are performed.

Prevention:

- Regular water changes using a gravel siphon to remove waste material from the gravel.
- Avoid direct sunlight on the aquarium.



- Add live aquatic plants to the aquarium. Aquatic plants utilize the same nutrients as the algae that causes green water outbreaks.
- Avoid overfeeding fish.
- Do not overcrowd the aquarium.

As with any algae, keeping the tank clean and performing regular water changes is one of the best preventative measures. Prompt attention to sudden algae growth will prevent more serious problems.

HELPFUL LINKS

How get rid of green algae:

<https://apifishcare.com/product/algafix>

How to remove harmful tap water chemicals:

<https://zoomed.com/aquapure/>

How to add beneficial bacteria:

<http://usa.hagen.com/Aquatic/Watercare/Additives---Supplements/A8348>

Maintenance tools to help clean aquarium:

<http://usa.hagen.com/Aquatic/Maintenance/Cleaning/A370How to speed up cycling process:>