



Instruction manual for Dosing Dino X

Dino X is an effective solution for treating unwanted algae growth found in reef tanks. Excessive nutrient buildup in saltwater tanks are known to cause rapid algae growth which can harm corals if left untreated.



By carefully following these instructions, Dino X will treat the following types of algae:

- Hair Algae
- Bubble Algae
- Bryopsis
- Any plague type algae
- Also treats most types of Dinoflagellates

A full treatment period of Dino X consists of 21 days. During this time make sure that you:

- DO NOT run any carbon, ozone, zeolith, GFO, or absorber media
- REMOVE denitrification filters and/or trickle filters
- DO NOT perform any water changes
- DO NOT dose any Trace Elements
- Skim wet
- **DO NOT dose more than 11 doses (22 days total)**

During the 21 day treatment period, we recommend that you:

- Continue supplementing your reef with Alkalinity, Calcium, and Magnesium via a Calcium Reactor or Balling Light Method
- Run your lighting for no longer than 6hrs/day; blue lights can be run max 10hrs/day



DINO X Dosage

STEP 1

Begin by manually removing as much of the algae as possible. If dosing for Dinoflagellates, siphon as much as possible. Make sure to minimize the amount of free floating algae strands.

STEP 2

Calculate the total net water volume of your system. Take into account the amount of live rock and sand present in the tank. A good rule of thumb for calculating net water volume is to deduct 20-25% of your gross water volume.

Example

- 120 gal reef + 30 gal sump = 150 gal gross total
- 150 gal - 20% = 120 gal net total
- Calculate dose for 120 gal system

STEP 3

For every 26 gallons of aquarium water, dose 5ml of Dino X every 2 days.
(5ml Dino X per 26 gal every 2 days)

For severe algae outbreaks, you may dose up to 6ml per 26 gallons every 2 days

****We recommend you dose Dino X after your lights have shut off for the day****

****Please do not overdose this product****



STEP 4

After the last dose, wait two days before turning on your temporarily disconnected equipment and do a water change. Be sure to also run a fresh batch of carbon after treatment.

DINO X Dosage (Round 2)

If after the first round of Dino X, the algae still persists, do the following:

- Perform a full water test for NH₃/4, NO₃, PO₄
- Run a fresh batch of carbon
- Avoid restarting any supplements such as Aminos and Trace Elements
- Wait at least 1 full week before starting another round of Dino X.

Tips and Precautions

- You may dose Dino X every 2 days until the algae or dinoflagellates are gone, but for no longer than the 21 day treatment period, 22 days MAX.
- Most algae are removed in 1 treatment period. Stubborn algae types may need two treatments and depend on the amount of nutrients present in the tank.
- Algae such as Derbesia, Halimeda calcerosus, Caulerpa, Bryopsis may need 1 full treatment period.
- Dino X does NOT work against bacteria such as cyanobacteria
- Regularly check oxygen levels during treatment to avoid oxygen depletion shock.
- If Dino X is dosed correctly, no harm will be done to corals and invertebrates.

Possible Side Effects

- Redox potential may slightly drop



- Sea Urchins and Clams can be harmed after prolonged treatment or overdose.
- Caulerpa algae in refugiums can be harmed. Remove from refugium if you have one.
- Excessive algae die off during treatment may release toxins if most of the algae is not manually removed before treatment.
- Water can become slightly cloudy
- Tridacna clams can be harmed if Dino X is used to treat against dinoflagellates
- Coral polyps may close for a few days

*****Fauna Marin claims no liability from the misuse of this product*****

*****Please read this manual in its entirety before your first Dino X treatment*****