

tideline newsletter tideline aquatics

Tideline Aquatics Store Hours

Monday	Closed
Tuesday-Friday	11am-7pm
Saturday	10am-6pm
Sunday	12pm-5pm

GREAT NEW PRODUCTS AT TIDELINE AQUATICS! BRIGHTWELL AQUATICS



Supplement for Increasing Growth Rates of Sponges & Gastropods

- ? Ionic silica solution for enhancing growth rates of sponges and gastropods.
- ? 1 drop per gallon of water increases ionic silica concentration by ~0.20 ppm.
- ? May be employed in silica-limited systems stocked with sponges to improve water quality

May be used to increase the rate of sponge growth in marine systems housing spongivorous fishes such as marine angelfishes, butterflyfishes, and their allies, providing them with greater access to their natural foods. by increasing the rate of natural latent organic material uptake by these organisms .



Eliminates Reactive Phosphate from all Marine Fish & Reef Aquaria

- ? Begins to eliminate reactive phosphate immediately upon addition to aquarium.
- ? Safe for all inhabitants of reef and marine fish-only aquaria.
- ? Each ml eliminates 1 ppm phosphate in 4 US-gallons of water (250 ml treats 1,000 US-gal).
- ? Helps facilitate the removal of phosphate from aquaria during periods when dissolved organic material is abundant.
- ? May be used on an ongoing basis to help control phosphate in heavily-stocked aquaria.
- ? Over 50% stronger than most competing products.
- ? Formulated by a marine scientist.



Provides Optimal Mineral Balance for Water that has been Purified

- ? Establishes an optimal mineral balance in water that has been purified (e.g. reverse osmosis, deionization, etc.) or is exceedingly soft (e.g. well water in forested regions) for all freshwater planted and community aquaria, as well as for biotope aquaria housing fishes indigenous to forested and/or riverine habitats.
- ? Creates an ideal ratio of potassium, calcium, and magnesium, elements which are vital to the overall health of fishes, invertebrates, and aquatic plants; contains trace sodium and chloride for proper osmoregulation in plants and fishes.
- ? May be used to establish beneficial water parameters in aquaria filled with purified water, to replenish depleted mineral concentrations in aquaria that rarely receive a water change, and to re-establish



Pelletized Bioactive Filtration Media for Nitrate and Phosphate Control

- ? Bioactive filtration media, providing an ideal colonization substrate and a suitable source of organic carbon to beneficial microbes responsible for uptake of nitrate and phosphate.

- ? Helps decrease latent organic material, and hence nitrate and phosphate concentrations, in aquaria, greatly simplifying and improving nutrient control relative to methods based solely upon using vodka or other alcohol/sugar solutions as organic carbon sources.
- ? May be used with MicroBacter7 and/or as part of a low-nutrient approach to aquarium husbandry.
- ? Improves water clarity through remineralization of latent dissolved organic compounds present in system.
- ? Safe for use in all freshwater and marine aquaria, including planted and reef systems.



Macro Diet for Anemones, LPS Corals & Planktivorous Motile invertebrates & Fishes

- ? Suspension of North American marine crustacean roe with a size range of ~0.7 - 1.2 mm.
- ? Fortified with free-form essential amino acids, vitamins important to immune system function, carotenoid-rich oils of marine origin (also rich in omega-3 HUFA), and natural feeding attractants to improve feeding responsiveness in fishes.
- ? Rich in natural pigments that have been found to intensify overall coloration.
- ? Appropriate for feeding anemones, LPS corals, gorgonians, and solitary and colonial polyps, particularly at night when tentacles are extended to maximize chances of prey-capture.
- ? Readily consumed by planktivorous fishes.
- ? Suitable for improving coloration of all freshwater species of fish, including Discus.



Microdiet for Planktivorous Marine Fishes, Corals & other Suspension-Feeding Invertebrates

Overview

- ? Suspension of particulate, microencapsulated marine proteins, lipids, and carbohydrates fortified with complex and free-form amino and fatty acids, and vitamins important to immune system function.
- ? Appropriate for feeding many LPS, zooxanthellate, and azooxanthellate soft corals, as well as gorgonians, anemones, and other solitary and colonial polyps, particularly at night when tentacles are extended to maximize chances of prey-capture.
- ? Readily eaten by a multitude of reef-associated fishes known to feed on zooplankton and food particles drifting in the water column, including anemonefishes, basslets and pseudochromids, anthias, damselfishes and chromis, pygmy angelfishes, cardinalfishes, darterfishes, jawfishes, hawkfishes, wrasse, and many surgeonfishes.
- ? Does not require refrigeration.



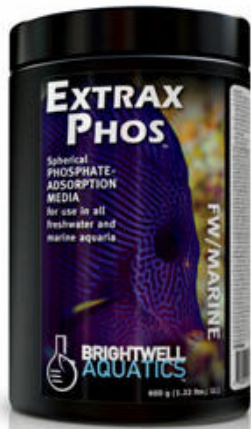
Regenerable Nitrate-Adsorption Resin for all Marine Fish, Reef & Freshwater Aquaria

- ? Next-generation regenerable nitrate adsorption resin effective in marine and freshwater aquaria; does not require soaking in buffered water prior to initial use.
- ? Highly-selective for nitrate.
- ? Will not negatively impact water quality, nor release nitrate once exhausted.
- ? Synthetic polymer resin beads provide for durability and excellent flow characteristics; may be employed in fluidized-bed, canister, or passive filtration.
- ? Regenerable over 250 times, dramatically increasing cost effectiveness.
- ? Will not impact alkalinity in aquaria as some competing products may.



Regenerable Dissolved Organic Material Adsorption Resin for all Marine & Freshwater Aquaria.

- ? Improves water quality by removing latent dissolved organic material and encouraging higher oxidation-reduction potential(ORP, also known as “redox”).
- ? Removes dyes and discoloration from water.
- ? Will not release adsorbed organic material once exhausted.
- ? Ideal for use in small (e.g. “nano”) aquaria where a protein skimmer is not feasible.
- ? Does not actively remove trace, minor, or major elements from aquarium.
- ? May be used in conjunction with, or as a replacement for, activated carbon.
- ? Synthetic polymer resin beads provide for durability and excellent flow characteristics; may be employed in fluidized-bed, canister, or passive filtration.
- ? Regenerable over 250 times, dramatically increasing cost effectiveness.



Spherical Phosphate-Absorption Media for Use in All Freshwater & Marine Aquaria

- ? Advanced adsorbent of phosphate and silicate; provides rapid results.
- ? May be used on an on-going basis as part of a sensible nutrient-control program.
- ? Spherical shape and porosity maximize reactive surface area; promotes reactivity and efficiency by maximizing contact time and minimizing tendency to pack and channel water, and outperforms competing non-spherical phosphate-adsorbent media.
- ? Recommended usage is 2 g of Extrax Phos per 1 US-gallon (3.8 L) in aquarium; 600 grams will adsorb up to 20 mg/L phosphate in 300 US-gallons (1,136 L).
- ? Does not release phosphate, silicate, or soluble compounds into aquarium system .
- ? Safe for use in all freshwater and marine aquaria, including freshwater planted systems and reef systems .

MARINE FISH HIGHLIGHT



THE MANDARIN DRAGONET

Mandarins are one of the most desired marine fish by nearly every marine hobbyist yet so many of these lovely fish are lost due to starvation in the aquarium. You see these fish rarely if ever eat anything but LIVE foods!! Mandarins spend their entire days scooting along the live rock and substrate munching on tiny marine organisms (live copepods, live amphipods, live marine worms, etc). These fish should only be kept in a well established marine aquarium containing live rock. The live rock should be quality rock loaded with these tiny food sources or the beautiful mandarin will slowly starve. The addition of a refugium and/or replenishing the copepod populations in your aquarium with a live copepod/amphipod product will ensure that your mandarin lives a full and healthy life. These fish are quite hardy other than the dietary requirements! We are offering these on our website coupons for ONLY \$10 this week. No holds or call-ins are allowed. These fish will be sold on a first come, first serve basis at this price. Just because they are inexpensive does not give you the right to place it in an aquarium to starve. Be certain you have the proper environment to allow this wonderful brightly colored marine fish to survive in captivity.

FRESHWATER HIGHLIGHT



THE ROSELINE DENISONII SHARK

When it comes to a brightly colored freshwater fish the Roseline Shark is hard to beat. These peaceful, live plant safe beauties are quite hardy once established especially since they are now

bred in captivity. This fabulous fish can be kept in groups if all of the individuals are added at one time. The Roseline shark colors up best in a planted aquarium though they are still striking in other aquarium settings. These fish accept all types of flake and frozen fish foods and grow to about 5" as full adults. These are mid-water swimmers loaded with color!! These fish are normally \$29 each but we are offering them on our website coupons for only \$10 each!!! Don't miss out on this chance to own a jewel of a fish for your community freshwater aquarium.

POND FEVER WITH THE WARMER WEATHER!!



The weather has FINALLY warmed up and we know the urge to add new fish and plants to your pond is just killing you but be aware that water temperatures are still quite cool and most water garden plants are just beginning to emerge at the wholesale facility where we buy our plants to sell to you. Tideline Aquatics should have pond plants and pond fish within about two weeks. By then the water should be warm enough to sustain these plants.... But in the mean time there are some steps you should take to get your pond off to a good start for spring.

1. Cut back all dead plant material and begin to fertilize your established water garden plants. Repot any plants that are root bound while the plant is still fairly dormant.

2. Using dechlorinated tap water or pond water flush debris from your biological media. By cleaning up this media you will expose it to higher water flow thus providing plenty of oxygen to get the bacteria living on your filter media a boost as they come out of dormancy.
3. Flush out your UV clarifier, clean the quartz sleeve if needed and replace UV lamps that have been running for more than a year. The effectiveness of a UV lamp is greatly reduced after about 12 months of constant operation.
4. Remove ALL debris from the bottom of your pond by either netting it out or vacuuming it out using a pond vacuum. If you leave this organic material in your pond you will be feeding algae and also risk a pH crash for the organic load. Perform a 25%-30% partial water change and replace the activated carbon to remove the tannins that have turned your water brown. Remember to treat the new water with the proper water conditioner!!
5. Begin feeding your pond fish lightly avoiding feedings in the late afternoon when the water may cool down at night. As the water temperature rises, you can increase the amount of food you are feeding your fish.
6. If you keep algae eating fish (plecostomus) in your pond for algae control the water must be at least 74 degrees and steady before it is safe to add these tropical species to the pond water.
7. Test it yourself or have your pond water tested NOW to ensure the water quality is stable before the temperatures warmer. Simple adjustments now will prevent dangerous conditions later!!
8. Native creatures (birds, frogs, etc) can introduce parasites during the cold weather. These parasites may do little harm while the water is warm but they will begin to multiply once the temperature rises. Watch for signs of parasites such as the fish flashing against the bottom and walls of the pond, red fins and/or clamped fish, fish gasping out of the ordinary, cloudy eyes or skin... these are all early warning signs of trouble.

Early diagnosis of problems will mean quick recovery of your fish if they need treatment. Be certain to also check the condition of water pumps and air pump. A good cleaning is highly recommended now before the fish begin to actively feed and release more organic material into the water.

A QUICK NOTE FOR THE IMPATIENT PERSON...



If you are one of those impatient people that hates to have to wait a bit to be served please remember this one little thing.... If we were waiting on you, you'd want us to spend as much time as it takes to solve your problems, help you select just the right new fish and pick out just the right product to keep your animals safe and healthy. That said, please give the customers ahead of you the same consideration as they deserve just as much time as the person waiting to be served. Thank you for your patience and we will be with you just as soon as possible. Tideline Aquatics is a customer service company meaning every customer gets the amount of time they need while shopping at the store...

Chris Deer – owner of Tideline Aquatics

NOW IN STOCK AT TIDELINE!



NOW IN STOCK – Tideline Aquatics Ball Caps in Black, White or Grey. We also now have Tideline Tee-Shirts in black, grey or pink. The shirts are only \$16.99. These shirts are embroidered with the Tideline logo and a pair of True Percula Clownfish.

NEW ARRIVALS FOR THIS WEEK:

FEEDER ITEMS ON THE MENU:

Feeder Goldfish, Feeder Rosy Redds, Feeder Danios, Feeder Ghost Shrimp, Feeder Crayfish, Feeder Fiddler Crabs, Live Black Worms and Live Brine Shrimp are all instock now.

NEW FRESHWATER FISH:

Roseline Denisonii Sharks, Cardinal Tetras, Caudimaculatus Corydoras Catfish, Sterbae Corydoras Catfish, Banded Kuhli Loaches,

Lyretail Ribbon Mollies, Pairs of Betta Brownorum, Geophagus Australis, Bocourti Cichlids, Gynogeophagus gynogenys, Pearlsea Cichlids, Geophagus surnamensis, Geophagus jurupari, Green Terrors, Banjo Catfish, XXL Bala Sharks, XL Green Severum, Medium Silver Arowanas, Lyretail Dalmation Mollies, Lyretail Cremesicle Mollies, Lyretail Red Sunset Mollies, Common Bristlenose Plecos, Tiger Nerite Snails, Juruense Shovelnose Catfish, Whitefin Tetras, Red Cherry Shrimp, Japonica Shrimp, Flower Shrimp, Whisker Shrimp, Red Honey Gouramis, Medium Pink Kissers, Cherry Barbs, Tiger Barbs, Archerfish, Large Orange Ember Tetras, Marble Hatchets, Silver Hatchets, Harlequin Rasboras, Rummynose Tetras, Silvertip Tetras, Assorted Swordtails, Moonlite Gouramis, Pygmy Pumulis Gouramis, Dwarf Regani Pike Cichlids, L018 Gold Nugget Plecos, Clown Loaches, XL Redtail Black Sharks, Lipstick Leporinus Arcus, Orange Stripe Corydoras Catfish, Gold Spot Stiphodon Gobies, Neon Tetras, Dwarf Emerald Rasboras, Electric Blue Crayfish, African Clawed Frogs, Albino Clawed Frogs, Dwarf African Frogs, Round Banded Barbs, Pearl Gouramis, Large Filamentosus Barbs, Pike Cichlids, Buffalo Heads, Mixed Peacock Cichlids, Gold Gouramis, Opaline Gouramis, Black Convicts, Medium Peacock Bass, Schwartzi Corydoras Catfish, Botia Angelicus Loaches, Medium Rainbow Sharks, Redtail Black Sharks, Jumbo, Small Fire Eels, Tiretrack Eels, Cool Freshwater Zebra Blennies, Brightly Colored Scarlet Badis Badis, South American Dragonfish Gobies, Geophagus Balzani Earthaters, XL Nicaraguense Tiger Oscars, True Siamensis Flying Fox Algae Eaters, Common Plecostomus, Clown Plecos, Rubber Plecos, Green Corydoras Catfish, Jullii Corydoras Catfish, White Skirt Tetras, Micro Rasbora Urophthalmoides, Synspillum Cichlids, Botia Striata Loaches, Bloodfin Tetras, White Cloud Mountain Minnows, Assorted Glofish, Mixed Fancy Guppies, Assorted Rainbowfish, German Stendker Discus, Polypterus ornatipinnis, African Tiger Pike, Medium Jaguar Cichlids, Chinese Algae Eaters, Gold Chinese Algae Eaters, Bala Sharks, Bumble Bee Gobies, Spotted Pufferfish, Fantail Goldfish, Fancy Chinese Goldfish, Assorted Platys, Male Bettas, German Blue Rams, German Gold Rams, Assorted Mix of Mbuna African Cichlids, Zebra

Nerite Snails, Black Skirt Tetras, Longfin White Cloud Mountain Minnows.

NEW SALTWATER FISH:

Coral Beauty Angelfish, Rusty Angelfish, Red Lyretail Anthias, Blackfoot Nigripes Clownfish, Black Saddleback Clownfish, Brown Saddleback Clownfish, Bicolor Chromis, Diamond Sifter Gobies, Dragon Sifter Gobies, Twinspot Sifter Gobies, Blue Spot Watchman Goby, Medium Clown Triggerfish, Pajama Cardinalfish, Blue Spot Pufferfish, Bicolor Basslet, Magnus Prawn Gobies, Blueline Triggerfish, AWESOME Naokoae Fairy Wrasse, Sixline Wrasses, Marine Betta, Hawaiiin Saddleback Sharpnose Puffer, Kuda Seahorses (tank bred), Lemon Peel Angelfish, Pakistan Collare Butterflyfish, Tobacco Basslets, Porcupine Pufferfish, Pinktail Triggerfish, Yellow Eye Kole Tang, Yellow Mimic Tang, Small McCoskers Fairy Wrasses, Zebra Moray Eel, Large Queen Angelfish, XL Naso Tangs, Thompson's Tang, True Percula Clownfish, Black Indicus Triggerfish, Swallowtail Angelfish, Volitan Lionfish, Sailfin Tangs, Potters Angelfish, Maroon Clownfish, Fiji Yellowbelly Blue Damsel fish, Kauderni Cardinalfish, Gold Bar Maroon Clownfish, Blue Regal Tangs, Annularis Angelfish, Magnificent Foxface, Orange Lined Cardinalfish, Randalli Gobies, Brownstreak Prawn Gobies, Crested Watchman Gobies, Engineer Gobies, Candy Cane Gobies, Tomini Tangs, Lunare Wrasse, Carpenters Fairy Wrasses, Foxface Rabbitfish, Immaculate Dogface Pufferfish, Yellow Watchman Gobies, Mandarin Dragonets, Tank Bred Ocellaris Clownfish, Algae Blennies, Assorted Damsel fish, Blue & Gold Blenny, Green Wolf Eel Blenny, Clown Gobies, Snowflake Moray Eels, Starry Blennies, Trimmia Gobies, Longnose Hawkfish, Dogface Pufferfish, Yellow Tangs, Niger Triggerfish, Midas Blenny, Neon Velvet Damsel fish.

NEW INVERTEBRATES AND CORALS:

Hard Tube Coco Worms, Wellsophyllia Corals, Scarlet Reef Hermits, Halloween Hermits, Anemone Crabs, Arrow Crabs, Frilly Arrow Crabs, Sponge Crabs, Electric Blue Maxima Clams, Blue Crocea Clams, Pom Pom Crabs, Nice Acropora Corals, Nice Acropora Frags, Orange Montipora Frags, Chocolate Chip Starfish (not for reefs), Xenia Corals, Ultra

Favites Brain Corals, Cleaner Shrimp, Aqua-Cultured Caribbean Live Rock, Condylactus Anemones, Flowering Rock Anemones, Orange Claw Hermits, Tiger Pistol Shrimp, Peacock Mantis Shrimp, Assorted Urchins, Green Star Frags, Blasstomussa Frags, Long Tentacle Anemones, Nice Mix Zoanthid Frags, Acan Frags, Mini Carpet Anemone, Green Mini Carpet Anemone, Frogspawn Corals, Walkin "Dendro" Australian Coral Polyp, Fluorescent Horn Coral, Branching Montipora Coral, Ultra Zoanthid Rocks, Nassarius Snails, Turbo Snails, Astrea Snails, Coral Banded Shrimp, Hammer Corals, Torch Corals, Green Emerald Crabs, Assorted Reef Hermits, Bubble Anemones, Cucumbers, Assorted Atlantic Sponges, Reef Pods and more!!!

The above livestock items are from our most recent shipments. We have many other species of fish and live corals from previous shipment as well!!