



April 17, 2007

tideline aquatics Newsletter

Tideline Aquatics Store Hours

Monday – Friday 11am-7pm
Saturday 10am-6pm
Sundays 1pm-5pm

Refills from Tideline Aquatics!!

There are many products that you use in your aquarium. Did you know that we offer discounted refills on many of these items? Before you run out to purchase a new container, check the list below to see if you have one of the many products we refill at a substantial discount:

Aqualife Complete Water Conditioner
Amquel Water Conditioner
Amquel Plus Water Conditioner
Novaqua Water Conditioner
Aquadine Flake Foods
Aquadine Pellet Foods
O.S.I. Freshwater Flake Food
O.S.I. Saltwater Flake Food
O.S.I. Vivid Color Flake Food
O.S.I. Spirulina Flake Food
O.S.I. Goldfish Flake Food
O.S.I. Shrimp Pellets
O.S.I. Spirulina Wafers
Tetramin Pro Crisps Freshwater
Tetramin Cichlid Sticks
Kent Freshwater Plant Supplement
Kent Super Buffer dKH
Seachem Phosguard

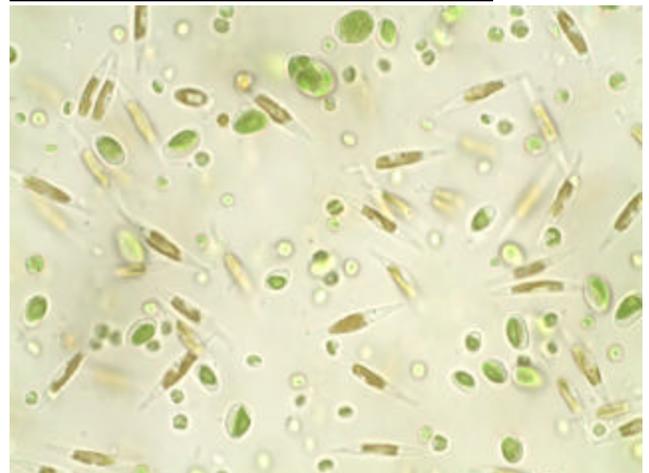
Save yourself a few bucks by bringing in your empty containers and having them refilled at Tideline Aquatics!!

Did You Need Water?!

REGULAR FRESHWATER	\$0.30/GAL.
REGULAR SALWATER	\$1.05/GAL.
R/O FRESHWATER	\$0.60/GAL.
R/O SALTWATER	\$1.50/GAL.

Selling premixed water is just another convenience we offer to save you time when performing maintenance on your aquarium. Just bring in your empty aquarium-safe containers and we will fill them for you. On busy days like Saturdays and Sundays, we suggest calling in and preordering your water. We will hold the order for you until you arrive that day.

Now Available at Tideline:



LIVE PLANKTON FOUND IN DT'S PLANKTON PRODUCT

Several months back we began carrying DT's Live Plankton products. Because we had to store it in our back room refrigerator, many of you did not realize we were carrying it causing the product to remain at the store past the expiration date. Now we have an authentic DT's Refrigerator right out front in the store. This allows you to see and pick up the product during your visit. Our first fresh shipment of DT's Plankton should arrive either late this week or early next week. We will be carrying three different sizes of the plankton as well as the oyster egg product.

LOCAL CLUBS / ORGANIZATIONS

Have a reef aquarium? Check out our local reef club at: www.charlestonreefers.org

Love water gardens and koi? Visit the Charleston Showa Koi Club website at: www.charlestonshowakoiclub.org

Aquarium Fish Forum:
www.wetwebmedia.com

Columbia Aquarium Club:
www.columbiamac.org

Tideline Aquatics Question and Answer Forum:
www.tidelineaquatics.net

Fish of the Week



GLOLITE DANIO (DANIO CHOPRAE)

If you have not seen this incredible new danio, now is the perfect time to try some. These fish are extremely hardy, only reach about 1.5" in length AND they are beautifully marked. The glolite danio is not dyed with color nor is it a crossbred creation. These are a recent import fish from the bogs of Asia (specifically Irrawaddy in northern Myanmar). The shipment we currently have in stock has been fully conditioned to accept flake foods though, like most fish, they do enjoy the addition of brine shrimp and bloodworms as a treat. This will also help them to maintain good coloration in the aquarium. Glolite danios are not picky when it comes to water quality either. We have these conditioned to a pH of 7.4 in soft water. Schooling in mid-water, these fish will make a beautiful and unique addition to your freshwater community aquarium. These are just one of the coupon specials available on our website at www.tidelineaquatics.net



KEITH BIGGS REEF AQUARIUM

Chiller or No Chiller – Controlling Temperature in the Reef Aquarium

During the winter months, one seldom has to deal with the aquarium temperature climbing too high. In the summer months, especially once the humidity begins to climb, the aquarium temperature can be difficult to keep below 80 degrees. In freshwater aquariums, this poses little

problems, but in saltwater fish and reef aquariums, this can become a stressful event. In a saltwater 'fish only' aquarium, marine fish will require more food as their metabolism is heightened by the elevated temperature. Fish like tangs (surgeonfish) and marine angelfish can quickly become thin and weak if not fed more heavily in the warmer water. Long term, this can lead to increased disease issues due to the stress on your fish's immune system. In the reef aquarium, this can become even more of a problem. Live corals may begin to bleach, problem algae begin to invade the live rock. Though expensive, the addition of an aquarium chiller may be required. There are many manufacturers of aquarium chillers but not all of them are equal. Purchase a chiller with a thermostat to set the temperature. Ensure that the chiller you purchase uses Titanium coils as the stainless steel coils can degrade more quickly in the corrosive saltwater environment. Another consideration is the location you choose to install your chiller. NEVER install the chiller inside the cabinet of the aquarium. Chillers need at least about 12" of open area around the unit so it can disperse the heat from the coils. If placed in the cabinet stand, it will only heat up the aquarium even further and will damage your expensive chiller. These units are nothing more than a small refrigerator. As the water is moved over the coils, the compressor kicks on and continues to cool until the water temperature reaches the setting you have chosen on the thermostat. When you consider the value of your aquarium and its inhabitants, the chiller cost is a good investment. Here is a basic guide for what size chiller may be required for your aquariums size:

1/6HP – Max Flow 325-550gph – Tank Size up to 90gal.
1/4HP – Max Flow 475-800gph – Tank Size up to 125 gal.
1/2HP – Max Flow 750-1500gph – Tank Size up to 250 gal
1HP – Max Flow 1000-2000gph – Tank Size up to 500 gal.

Keep in mind that the guidelines above are for dropping the aquarium temperature no more than about 5-6 degrees. If your aquarium is running more than 5-6 degrees above 76 degrees, move up one size on the chiller you choose for your aquarium. Also keep in mind the flow rates. If your pump motor exceeds the suggested flow rate for the chiller, then send only a portion of the water through the unit. Use a ball valve to control the water flow that can move through the unit and bypass the remaining water back to the aquarium.

String Algae in the Garden Pond



All winter long your garden pond was crystal clear and beautiful. The few leaves and debris on the bottom of the pond appeared to have no affect so you figured, why bother? Well, the warm weather is finally here and within a week, the mats of string algae are growing all over everything! String alga feeds mainly on organic material in the pond. The organics are most commonly caused from decaying leaves, not performing regular partial water changes, elevated phosphate and/or nitrate levels and most commonly, too many fish for your filter to handle. The best chance you have for combating this algae is to starve it of its food source.

Begin by removing any leaf debris and dead plant material from the pond. Place a bag of quality activated carbon into the filtration system. Activated carbon is a magnet for organics. If your water is heavily tinted from tannins, you may have to change out the carbon several times to get the water color cleaned up. Use a bacterial product to break down the muck settled on the bottom of the pond. Using dechlorinated water, back flush your filtration system to remove trapped mud and debris from your biological filter media. Last, you can add barley straw to the pond. After about 3 weeks, the barley straw begins to decay. The decaying barley releases chemicals into the water that kill off string algae. There are also fish safe and plant safe algaecides that can be used regularly to kill out string algae. The best cure is prevention. Keep up with partial water changes (top off from evaporation does not count), change out the activated carbon once per month, use a biological product for breaking down organics on the bottom of the pond and lastly – do not overload your pond with fish!

What's New This Week

FEEDERS: (SEE BELOW)

Live Black Worms (YES), Crayfish (YES), Rosy Reds (YES), Guppies (YES), Fiddler Crabs (YES), Feeder Goldfish (YES), Feeder Ghost Shrimp (SOLD OUT).

FRESHWATER FISH (NOW IN STOCK):

Bright Red Velvet Swordtails, Neon Tetras, Assorted Color Platies, Sailfin Mollies, Fancy Guppies, Rummynose Tetras, Fire Eels, Peacock Eels, Banded Coolie Loaches, Dojo Loaches, Small and Large African Cichlids (Malawi and Tanganyican), Red Serpae Tetras, Bumble Bee Gobies, Assorted Angelfish, Tons of different Tetras, Glolite Tetras, Glolite Danios, Lots of

nice Corydoras Catfish, Tons of Fancy Plecostomus, Harlequin Rasboras, Beautiful Rams, Assorted Pairs of Apistogramma Dwarf Cichlids, Mudskippers, Silver Dollars, Marble Hatchets (not blackwing), Silver Hatchets, Silver Arowanas, Several Types of Geophagus (Earthaters), Beautiful Assorted Rainbowfish, Freshwater Flounders, Green Scats, Green Spotted Evil Pufferfish, Silver Scats and much more!!

POND FISH (NOW IN STOCK):

Small, Medium, Large and XL Domestic Koi, Japanese Koi from Sakai of Hiroshima, Shubunkins, Pond Comets, Pond Snails for eating algae.

POND FISH (EXPECTED ON WEDNESDAY):

3" Red Fantail Goldfish, 6" Calico Shubunkins, 5" Domestic Koi, 12" Premium Select Koi bred from Japanese Stock here in the USA, Assorted Butterfly Koi, Yamabuki Butterfly Koi.

POND PLANTS (NOW IN STOCK):

Assorted Hardy Water Lilies, Assorted Tropical Water Lilies, Dwarf Hardy Potted Lotus, Floating Island Plants, Assorted Bog Plants, Parrots Feather, Hornwort.

SALTWATER FISH (NOW IN STOCK):

Dalmation Dogface Pufferfish, Dogface Pufferfish, Ocellaris Clownfish, True Percula Clownfish, Skunk Clownfish, Gold Bar Maroon Clownfish (only 1), Black Sebae Clownfish, Humu Triggerfish, Clown Triggerfish, Niger Triggerfish, Orangetail Mystery Triggerfish, Flame Angelfish, Eiblii Angelfish, Coral Beauty Angelfish, Koran Angelfish, Goldflake Angelfish, Flagfin Angelfish, Flameback Angelfish, Powder Blue Tangs, Powder Brown Tangs, Mimic Yellow Tangs, Blue Regal Tangs, Sailfin Tangs, Orangetin Tangs, Algae Blennies, Starry Algae Blennies, Orange Spot Guttata Gobies, Redhead Gobies, Neon Gobies, Tank Bred Clownfish, Firefish Gobies, Kauderni Cardinalfish, Annularis Angelfish, Sixbar Angelfish, Dragon Sifter Gobies, Lunare Wrasses, Assorted Fairy Wrasses, Christmas Wrasses, Volitan Lionfish and much more!!!

SALTWATER INVERTEBRATES (NOW IN STOCK):

Cleaner Shrimp, Fire Shrimp, Coral Banded Shrimp, Sexy Shrimp, Bumble Bee Shrimp, Mexican Turbo Snails, Margarita Snails, Cerith Snails, Red Tip Reef Hermits, Assorted Mushroom Rocks, Serpent Starfish, Brittle Starfish, few Green Emerald Crabs, Long Tentacle Anemones, Bubble Anemones, Rock Anemones, Anemone Crabs, Frogspawn Corals, Favia Corals, Favites Corals, Assorted Zoanthid Rocks, Super Acropora Corals, Millepora Corals, Xenia Corals, Green Star Polyp Rocks, Toadstool Leather Corals, Porites Corals, Tubastrea Corals, Turbinaria Corals, Red Lobophylia Corals, Birdnest Corals, Fiji Live Rock, Tonga Live Rock and more!!

Check out our customer photo gallery on the website

If you have some good photos of your fish, reef, pond or aquarium, please email them to:
chris@tidelineaquatics.net