Essential Guide to Pond Water Conditioners

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KEEP KOI HEALTHY WITH WATER CONDITIONERS

Pond water conditioners play an important role in supporting a healthy aquatic environment. Water conditioners help maintain good water quality and proper water parameters so koi and other pond fish can thrive. Depending on your source water, you may need water conditioners to remove harmful chemicals, adjust pH, or re-establish a healthy population of life-supporting beneficial bacteria.

Dechlorinators or Chlorine Removers

If you rely on municipal water treated with chlorine, it is crucial to use a dechlorinator or chlorine remover. Chlorine is extremely harmful and can cause irreversible gill damage in pond fish. Dechlorinators, such as our Chlorine Neutralizer for Ponds, remove chlorine and other harmful chemicals to make tap water safe for pond use.

Ammonia Removers

Tap water treated with chloramine (a chemical compound of chlorine and ammonia) may stress your existing biological filtration. This additional source of ammonia can contribute to a momentary surge in ammonia levels, also known as an "ammonia spike." Use ammonia removers, such as Pond Ammo-Lock, to quickly detoxify deadly ammonia during an ammonia spike.

pH Conditioners

Koi are hardy fish that can tolerate a wide pH range. However, they prefer a stable pH range between 6.8 and 7.2. If your source water is too hard (alkaline) or too soft (acidic), you may need to adjust the pH with a pH conditioner. Be sure to test your pH level first and, if necessary, slowly adjust the pH to the desired level.

Bacterial or Biological Additives

Chlorinated tap water can compromise bacterial colonies necessary for efficient biological filtration. Use bacterial additives such as our Live Nitrifying Bacteria, to re-establish or fortify beneficial bacterial population. To maintain a healthy population of beneficial bacteria, avoid aggressive filter maintenance and always treat chlorinated tap water with a dechlorinator before adding it to your pond.