

## BIO/ENZYME ADDITIVES

### Arcan Enterprises Septic-Scrub

Septic-Scrub chemical additive from Arcan Enterprises helps remove the sludge that builds up and sticks to the stone in a drainfield, pit or sand mound, helping rejuvenate the drainfield. According to the maker, it works in the first 24 hours after application. It can serve as part of a maintenance program. It works with all types of systems, is safe to handle and is environmentally friendly. 888/352-7226; [www.arcan.com](http://www.arcan.com).



### Bionetix International Fizzy-Tab

Fizzy-Tab from Bionetix International is a multipurpose natural cleaner that controls odor and helps maintain healthy grease traps and septic systems. It contains diverse micro-biological organisms designed to activate

digestion of solid waste and reduce sludge buildup in the bottom of tanks. Naturally occurring bacteria and enzymes (cellulase, lipase, protease and amylase) in the tablets speed up the biodegradation of paper, oils, grease and other inert solid materials that settle on tank bottoms. They can be applied to toilets or directly to septic tanks to reduce sludge buildup, extend drain life, prevent drain blockage, reduce pumping frequency, and lower the risk of a leachfield failure while simultaneously improving drainfield percolation. They come as blue 22-gram tablets containing 5 billion CFU/gram. They replace chemical products and do not attack plastic or metal pipes. They should be added monthly to keep the septic or grease trap system healthy and functioning. 514/457-2914; [www.bionetix-international.com](http://www.bionetix-international.com).

### Cape Cod Biochemical Company AfterShock

AfterShock soil absorption restorative from Cape Cod Biochemical Company is designed to restore drainage to clogged and sluggish drainfields and drainage structures by biologically digesting the solid material that normally clogs soil absorption areas. It contains naturally occurring, USDA-approved multistrain bacteria as well as a bacteria-friendly, time-released oxygen source that accelerates the bacterial metabolism. It is nonhazardous, is nontoxic, contains no U.S. Environmental Protection Agency Priority Pollutants, and is safe for the environment. It can be used in residential and commercial drainfields, cess-pools and seepage pits in conjunction with high-pressure waterjetting and soil-fracturing equipment. Its consortium of bacteria and oxidizer can be applied at the same time, eliminating the need to keep the system exposed for repeated site visits. 800/343-8007; [www.septiconline.com](http://www.septiconline.com).



### Ecological Laboratories PRO-PUMP Bio-Remediation Super Kits

PRO-PUMP Bio-Remediation Super Kits from Ecological Laboratories are designed to recover flow in fouled and ponding absorption fields. PRO-PUMP/HC (High Count) is a special mixture of select, live vegetative bacteria that will break down and remove slow and difficult-to-degrade compounds. PRO-PUMP/SA (Sludge Away) is a natural humus soil science product that's designed as a biostimulant to speed the bioremediation process. PRO-PUMP/OX (Powered Oxygenator) is a calcium peroxide/hydroxide mix that's used as an oxygen source for the bacteria. The kits combine select cultures with enhancement technology that rapidly break down and degrade the organic compounds that reduce absorption flow recovery. 800/326-7867; [www.propump.com](http://www.propump.com).



### Jet Inc. Bio Jet 7 Plus

Bio Jet 7 Plus from Jet Inc. is a nonhazardous and nontoxic bacterial aid used to degrade FOG, fatty acids, and lignin while lowering BOD, COD, and nitrates. When added to a system, its bacteria attack the grease and organic materials, converting them into liquid and then to carbon dioxide and water. Continuous use can help decrease odor, maintenance, and emergency blockages, according to the maker. 800/321-6960 [www.jetincorp.com](http://www.jetincorp.com).



### Scienco/FAST - a division of Bio-Microbics Inc. SciCHLOR

The SciCHLOR sodium hypochlorite generator system with multipass SciCELL electrochemical activation technology from Scienco/FAST - a division of Bio-Microbics Inc. can produce a supply of disinfectant solution. It is available in sizes of 10 to 60 pounds chlorine equivalent per day to provide a reliable method of safely producing liquid chlorine for medium to large on-site disinfection applications while surpassing operational efficiency performance requirements, according to the manufacturer. Connected to an incoming water source and with operating modes of batch, continuous, clean, setup and diagnostic, the brine solution multipasses through a low-voltage DC electrolytic cell to produce the sodium hypochlorite. When it reaches the low-level float setpoint, the system automatically restarts to replenish its water supply. If no solution is used, the system shuts down to save power. With an 800 ppm FAC (free available chlorine) sample taken from the generator, the solution killed 100 percent of the *Staphylococcus aureus* and *E. coli* organisms within 30 seconds, according to the maker. 866/652-4539; [www.sciencofast.com](http://www.sciencofast.com).