

Aquaculture Industry



Aquaculture Industry Applications

Quality Water

Aquaculture is an emerging business with tremendous potential with need for fish, shrimp, crayfish, clams, etc. ever increasing. Quality water means less cost of operation.

Calcium Carbonate Scale Control

ScaleBreck can control scale formation from calcium carbonate.

Heat Exchangers

ScaleBreck controls lime scale deposits on heat exchangers in the tanks and in the boilers.

Nitrates

Fish waste in the form of nitrates is deadly to fish. ScaleBreck can keep the filter equipment for clogging with scale. Nitrate levels will be controlled.

Prolongs Use Of Equipment

ScaleBreck will greatly prolong the life of equipment by reducing the use of chemicals and the wear and tear chemicals cause.

Reduce Maintenance Costs

ScaleBreck will result in considerable savings in the labor incurred in the cleaning of lime scale and replacing equipment.

Removes Lime Scale And Sludge From Waterlines

ScaleBreck will remove lime scale deposits and sludge from the waterlines and prevent it from forming again.

Reduces Biofilm And The Breeding Ground For Bacterial Growth

ScaleBreck will reduce chances of infection and other unhealthy situations are reduced.



For more information contact us on 9881248812,
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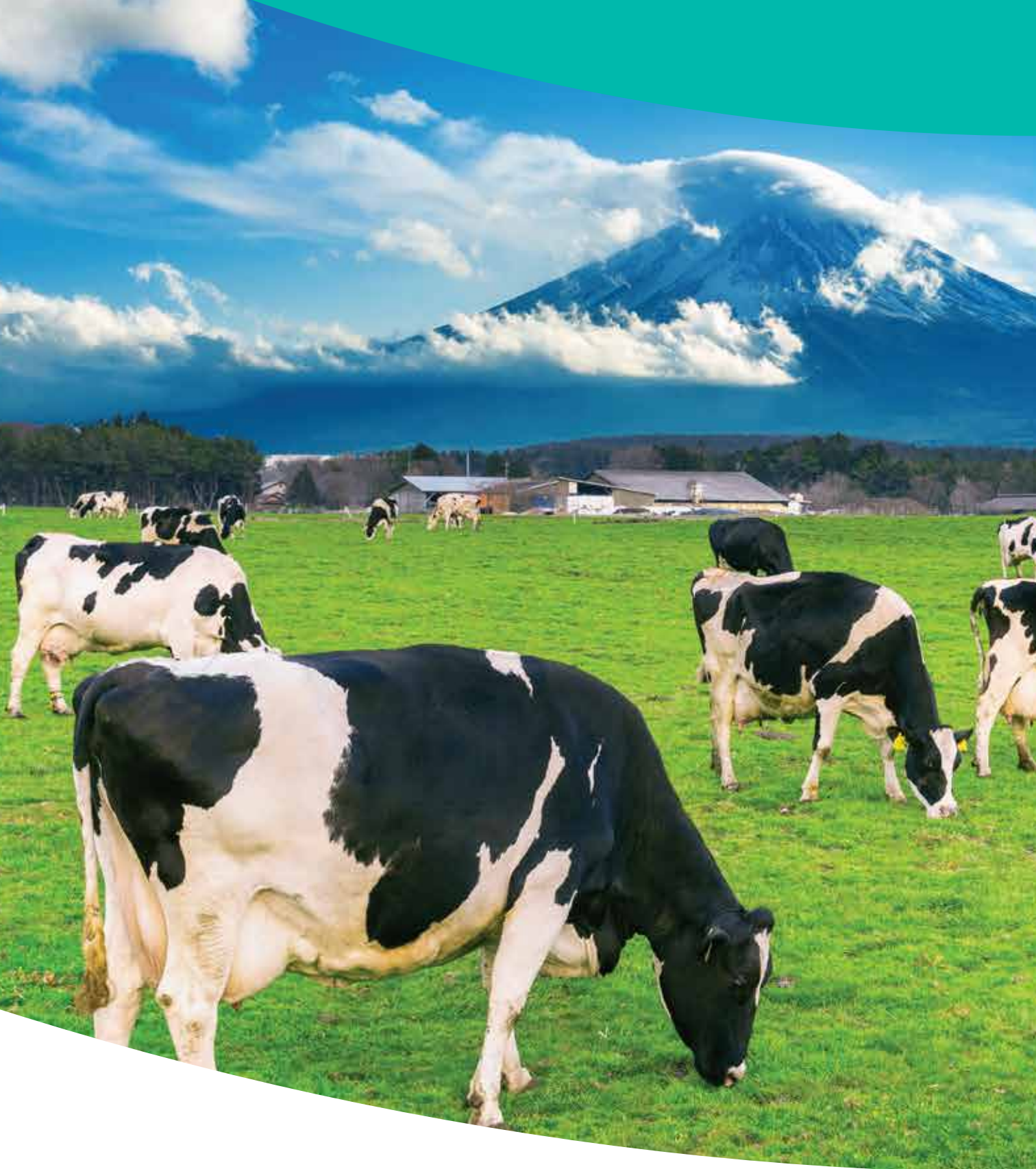
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Dairy Farm and Products



Dairy Farm and Products

Processed products for packaged use and food service

Dairy products include liquid milk, butter, natural and processed cheese, fluid and cultured products, condensed whey, dry whey cottage cheese, ice cream, condensed & dry milk. Typical processes include: refrigerated storage, pasteurization/ sterilization, separation and packaging.

- **Water and Fluids** Large volumes of water are needed for cleaning, sanitary, cooling and production processes including pasteurization / sterilization process which requires on-site boilers to meet these high temperature requirements.
- **Drinking Water, Water lines and Feeders** Lime scale deposits allow for bacterial growth and bad tasting water. Cows know bad water. The more water they drink, the more milk they produce. ScaleBreck will remove lime scale deposits without any chemicals or maintenance.
- **ScaleBreck** will eliminate scale in the water lines and feeders as they will not foul up and cause leaking.
- **Cleaning Water** ScaleBrecks conditioned water will require less chemical additives. E. coli Contamination may be reduced by the ScaleBreck system.

Milk Processors And Cheese Manufacturing

Cooling System

Lime scale control on cooling tower and condensers for refrigeration units and process cooling.

Storage Tanks & Pipes

Scale deposits increase energy needed to produce hot water, which the ScaleBreck can solve. It will also shorten the cleaning cycle for dissolving the milk stone and sanitizing the equipment.

Process Water ScaleBreck will control lime scale deposits in brine tanks, pumps, valves, and pipes.



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Greenhouses



Greenhouses

Hard water is due to high concentrations of the mineral salts calcium and magnesium that are measured in grains of hardness. When water undergoes temperature or pressure change lime-scale will form on surfaces, which often includes the roots and stems of plants, which is detrimental to your growing operation. Once limescale is formed both the calcium and phosphorus become unavailable to the plant.

Filtration and pH adjustments using acid are common ways of controlling limescale.

ScaleBreck an electronic water conditioning system has moved to the forefront as a simple, safe means of controlling scale in greenhouse operations with no maintenance and low cost. ScaleBreck is ideal for limescale control in drip tubes, misters, valves, spray headers, hydroponic beds, aquaponic beds, and fertilizer application systems.

- Controls & biofilm development
- Reduces the need for chemicals
- Decreases surface tension of the water
- Improves health of fish and plants
- Prevents limescale development
- Increases the solubility of nutrients in the water

ScaleBreck is ideal for limescale control in:

- Pumps • Drip tubes • Misters • Pipes
- Flooding beds • Valves • Spray headers
- Tanks • Spray nozzles • Drippers

Main benefits of using a ScaleBreck water conditioner:

- Prevents new limescale accumulation
- Dissolves and removes existing limescale
- Controls bacteria and algae
- Boosts filtration efficiency

- Reduce the need of chemicals to remove lime scale and biofilm deposits
- Prolongs use of equipment
- Reduce maintenance costs
- Capital equipment last longer
- Removes lime scale and sludge from waterlines

- Reduces biofilm and the breeding ground for bacterial growth
- Improves the performance of water cooled refrigeration equipment
- Improves the performance of water heaters and boilers
- Performance improvements in cooling towers, chillers, and wastewater treatment
- Eliminate lime scale in flow control and spray valves for cleaning and disinfecting wash
- Eliminates scale stains from stainless steel and other surfaces
- Return on investment within months

Main Benefits

- Dissolves and removes existing limescale
- Prevents new limescale from forming in irrigation systems • Reduces corrosion
- Controls algae & bacteria levels

Environmental and Financial Benefits

- Cuts down on usage of electricity
- Saves water • Decreases or eliminates chemical usage • Less wear and tear on pumps and other equipment • Improves efficiency of machinery and appliances
- Lowers the need for chemical safety precautions, storage and disposal

Additional Benefits

- Never requires maintenance • Non-intrusive and easy to install – no plumbing required
- Operates 24/7 with minimal power usage

Specific Greenhouse Benefits

- Keeps misting heads and drip lines scale free
- Promotes healthier plant growth
- Protects equipment • No need to cut into or drill into existing pipework

Eliminates acid usage in the orchard for irrigation/overhead cooling systems and saves on-going cost of chemicals

- SHORT TERM PAYBACK ON MOST SYSTEMS.

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Hydroponics



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Poultry Farms



Poultry Farms

Combat limescale buildup on bell waterers and nipple drinkers – ScaleBlaster will keep limescale deposits from forming on the bell waterers and nipple drinkers without the need of water softeners, chemicals or salt. Replacement and cleaning the drinkers are a thing of the past. Huge savings on labor, parts, and general maintenance. Will increase the lifespan of all equipment in contact with water.

Keeps spray nozzles clear of any blockages – ScaleBlaster keeps nozzles clear of limescale buildup.

Remove limescale and sludge from waterlines – Waterlines are kept limescale free as well as sludge buildup.

Enhance the performance of medicators and enable them to work at designed levels of accuracy. ScaleBlaster eliminates limescale formation in medicators and allows them to work at designed levels of accuracy all the time.

Save on water usage – Enjoy huge savings on water usage in all aspects of the operation.

Reduce the need for cleaning materials – Greatly reduces the need for cleaning materials to remove scale formation in all aspects of the operation.

Reduce cleaning time on equipment between flocks – ScaleBlaster will reduce the cleaning time of all equipment affected by hard water and scale formation.

Reduce maintenance costs – Maintenance costs are greatly reduced with less time spent on the elimination of limescale removal and replacing nipple drinkers.

Help egg machines stay cleaner Egg machines will stay cleaner without the limescale formation

Improve the performance of water heaters and boilers Limescale formation reduces the thermal efficiency of heaters. ScaleBlaster will keep the scale from forming without chemicals and water softeners.

Improve the performance of water cooled refrigeration equipment in poultry. Refrigeration equipment will work much more efficiently without the scale formation.

Keep incubators clean and enable their humidification systems to operate perfectly. ScaleBlaster aides in keeping the incubators clean by staying limescale free, thus enabling humidification systems to operate much more efficiently.

Eliminate scale stains from stainless steel and other surfaces ScaleBlaster stops the formation of limescale formation and the resulting unsightly stains.

Improve the efficacy of disinfectants – Disinfectants are much more efficient with the installation of ScaleBlaster.



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