

Technology Comparison



	RAINMAKER. EARTH	MAGNETS	NANOBUBBLES	PEROXIDE INJECTION	REVERSE OSMOSIS
Effective against biofilm / contamination	✓	X	X	✓	X (slows build up)
Cleans emitters and filters	✓	X	X	X	X
Power requirement / head increase	Low	Very Low	High	Low	Very High
Relieves compaction	✓	X	X	X	X
Increases soil oxygen content	✓	X	✓	✓	X
Mitigates salts/ chlorides	✓	X	X	X	X
Decreases run off coefficient	✓	X	X	X	X
Buffers PH	✓ Up and Down	X	X	Raises Level	X
Breaks down suspended minerals	✓	X	X	X	Removes
Increases viscosity of mineralized water	✓	X	X	X	✓
Effluent treatment	✓	X	X	✓	✓
Mitigates calcium magnesium binding with carbonates	✓	X	X	X	X
Flushes contaminants through the root zone	✓	X	X	X	X
Mitigates algae / odor in ponds	✓	X	X	X	X - filter only
Raises pond oxygen content	✓	X	✓	✓	X
Safe for animals	✓	✓	✓	✓ (limits)	✓
Disposal requirements	None	None	None	None	Yes (permit requ.)

Disclaimer:

The information and observations noted herein are based on publicly available information as well as internally prepared data and assumes each type of system is operated without anomalous conditions effecting results. Individual circumstances, water type, mineral content and contaminants have an impact on efficacy. Actual results may vary.