



Microsprinkler System Maintenance



During each irrigation set:

Date: _____

Check for leaks and breaks in the system and repair as needed

Repairs Yes No
Location(s) _____

Check the pressure throughout the system (mainline, submain, laterals) and ensure that it is running appropriately

System pressure (psi):
Pump: _____
Main: _____
Submain: _____
Laterals: _____

- This can be achieved by installing pressure gauges throughout the system or installing Schrader valves and checking the pressure using a personal gauge
- Water pressure at the nozzles can be checked using a pitot tube connected to a pressure gauge
- Consult manufacturer's specifications to confirm the system's optimal operation pressure

Walk the lines and inspect for clogged nozzles or damaged heads or connections or any other issues and repair as needed. Ensure that risers are upright and not tilted

Check filters. If significant pressure is being lost through the filter (as measured on Schrader valves upstream and downstream of the filter), it likely needs to be cleaned

Cleaned filter
 Yes
 No

- Clean screen filters using a brush or soaking
- Backwash sand filters

Flush the lines starting from the submain and move down through the system

Flushed lines
 Yes
 No

- Done at the beginning or end of each irrigation set.
- Done less frequently depending on injection times, substances injected, and water quality
- Installing flush valves at the end of every line will flush the system before and after each irrigation set