



Drip Irrigation System Maintenance



During each irrigation set:

Date: _____

Check for leaks and breaks throughout the system and repair as needed
→ For buried drip, look for overly saturated areas
→ Listen for leaks, especially when working with plastic mulch

Repairs Yes No
Location(s):
:

Check the pressure throughout the system (mainline, submain, laterals) and ensure that it is running appropriately
→ This can be achieved by installing pressure gauges throughout the system or installing Schrader valves and checking the pressure using a personal gauge (this option is more cost effective)
→ Consult manufacturer specifications to confirm the system’s optimal operation pressure

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

Check filters – if significant pressure is being lost through the filter (as measured on Schrader valves upstream and downstream of the filter), they likely need to be cleaned
→ Clean screen filters using a brush or soaking
→ Sand filters can be backwashed

Cleaned filter
 Yes
 No

Flush the lines starting from the mainline and move down through the system (mainline, submain, laterals)
→ Done at the beginning or end of an 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

Flushed lines
 Yes
 No

Notes: