



# 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: