

Drip Irrigation System Maintenance

| Date: | | | | |
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During each irrigation set:

| 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 preassure 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 preasure using a personal guage (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 filters) , 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, submind, laterals) → Done at the beginning or end of an irrigation set → Done less frequently depending on injection times, substance 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