

Impact Sprinkler System Maintenance

During each irrigation set:

Date: _____

- ☐ **Walk the field and inspect for clogged nozzles, leaks, or breaks in the lines, or any other issues 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**
- 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

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

- ☐ **Examine the throw and pattern of the sprinkler arc**
- Misting water may mean the pressure is too high
 - If the heads are not rotating, the pressure may be too low

- ☐ **Inspect sprinkler arcs and ensure that risers are not tilted, and sprinkler heads are rotating properly**

Notes: