



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: