

CALIFORNIA DEPARTMENT OF FOOD & AGRICULTURE

Impact Sprinkler System Maintenance



No

During each irrigation set:

Walk the field and inspect for clogged nozzles, leaks, or breaks in Repairs the lines, or any other issues and repair as needed Location(s):

Check the	pressure	througho	out the s	system	(mainline,	submain,
laterals) ai	n <mark>d ensure</mark>	that it is	running	g appro	priately	

- → 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

Examine the throw and pattern of the sprinkler arc

- \rightarrow Misting water may mean the pressure is too high
- \rightarrow 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:

System pre	essure (psi):
Pump:	
Main:	
Submain:	
Laterals:	
-	

Date:

Yes

This list is intended for use by irrigators, irrigation managers and irrigation consultants. For system specifications please consult manufacturer's specifications and irrigation design consultants. For more materials and information visit our website at <u>http://www.cdfa.ca.gov/go/FREP</u> or Google "CDFA FREP."