

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
_____, TEXAS

OPERATION AND MAINTENANCE PLAN
IRRIGATION SYSTEM, SPRINKLER

Sponsor/Land user: _____ Date: _____

Address: _____

Legal description of practice location: SEC _____ T _____ R _____

A properly operated and maintained sprinkler irrigation system is an asset to your farm. This irrigation system was designed and installed to apply irrigation water to meet the needs of the crops without causing erosion or runoff. The estimated life span of this installation is at least 10 years. The life of this system can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic maintenance and may also require operational items to maintain satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program.

GENERAL RECOMMENDATIONS

- Only operate the system when needed to furnish water for plant growth.
- Operate the system at the pressure, discharge rate, duration and frequency as designed.
- Check to make sure that all connections are watertight and all valves are working properly.
- Periodically check the sprinkler heads for wear, and replace with proper parts when defective or excessive wear is found.
- Promptly repair all leaks, by replacing gaskets or worn parts.
- During non-seasonal use, drain and place the removable part of the system in an area where it will not be damaged.
- Maintain all pumps, agitators, piping, valves and other electrical and mechanical equipment in good operating condition following the manufacturer's recommendations.
- Do not allow livestock near equipment or in area during operation.

