



Landowner/Operator:				Date:	
NRCS Service Center:			Conservation District:		
Location of Practice:	Lat:		Long:		
UTM Coordinates:					
	SEC:		TS:		Field ID:

GENERAL

A properly executed irrigation water management plan can be an asset to the farm. The system installed on your farm was designed and installed to support crop growth by meeting crop irrigation needs. Estimated life span of this installation is at least 1 year. The life of the system can be assured and usually increased by developing and carrying out a sound management program and by following a systematic operation and maintenance program.

O&M REQUIREMENTS

Your irrigation water management program includes:

- Follow the Operation and Maintenance plans established for the components of the system.
- The volume of water needed for each irrigation application shall be based on plant available water, holding capacity of the soil, the crop rooting depth, allowed soil water depletion, irrigation efficiency, and water table contribution.
- The irrigation frequency shall be based on the volume of irrigation water needed and/or available, the rate of crop evapotranspiration, crop needs, and effective precipitation.
- The application rate shall be based on the volume of water to be applied, the frequency of irrigation applications, soil infiltration and permeability characteristics, and the capacity of the irrigation system.
- Modify plant populations, crop and variety selection, and irrigated acres to match available or anticipated water supplies.
- Consider potential for spray drift and odors when applying agricultural and municipal wastewaters or chemicals.
- Equipment modifications and/or soil amendments such as polyacrylamides and mulches should be considered to decrease erosion.

