

MAINE IRRIGATION WATER MANAGEMENT PLAN WORKSHEET

ME-ENG-449

OWNER		PREP. BY		DATE	
TOWN		CHECKED		DATE	
FARM NAME		APPROV.		DATE	
SCENARIO		ENGINEERING JOB CLASS			

FIELD NUMBER			
FIELD SIZE (Ac.)			
IRRIGATED AREA (Ac.)			
CROP ROTATION			
CROP TO IRRIGATE			
PEAK CONSUMPTIVE USE (In./Day)			
ROOTING DEPTH (In.)			
PREDOMINATE SOIL TYPE			
AVAILABLE WATER CAPACITY (AWC) (cm/cm)			
AVAILABLE WATER CAPACITY (AWC) IN ROOTING DEPTH (In.)			
MAXIMUM APPLICATION RATE (In./Hr.)			
NET WATER APPLIED PER IRRIGATION EVENT (In.)			
TYPE OF IRRIGATION SYSTEM			
SYSTEM EFFICIENCY (%)			
GROSS WATER APPLIED PER IRRIGATION EVENT (In.)			
GROSS WATER USE PER IRRIGATION EVENT (Ac. Ft.)			
GROSS WATER USED PER EVENT (Gal.)			
IRRIGATION EVENTS PER SEASON (No.)			
NET IRRIGATION WATER APPLIED PER SEASON (In.)			
GROSS WATER NEEDED PER SEASON FOR IRRIGATION (Ac. Ft.)			
GROSS WATER NEEDED PER SEASON FOR IRRIGATION (Gal.)			
IRRIGATION EVENT TIME (Days)			
DAILY PUMPING TIME (Hrs./Day)			
INTERVAL BETWEEN IRRIGATION EVENTS (Days)			
MINIMUM REQUIRED PUMPING RATE (Gal./Min.)			
MINIMUM REQUIRED PUMPING RATE (CFS)			
PLANNED PUMPING RATE (Gal./Min.)			
PLANNED PUMPING RATE (CFS)			
IRRIGATION SCHEDULING METHOD Document the implementation of the irrigation water management plan on the IRRIGATION EVENT RECORD WORKSHEET or other NRCS approved documentation.			
PREVIOUS OR PROPOSED WATER SOURCES			

NOTES: Provide narrative, maps, and other pertinent documentation along with this worksheet for a complete irrigation water management plan.