

LANDSCAPE DRIPLINE SCHEDULE WORKSHEET

PROJECT NAME _____

DATE _____

ADDRESS _____

CITY/ STATE _____

ITEM	SOURCE		VALUE	UNIT OF FUNCTION
I. PLANT WATER REQUIREMENT				
A. PLANT MATERIAL	Planting Plan			Classification
B. REFERENCE PERIOD	Judgement			Days
C. REFERENCE ET (ET ₀)	Source			Inches of Water
D. LANDSCAPE COEFFICIENT (K _L)	$K_{(P,T)} \text{ } ______ \times K_d \text{ } ______ \times K_{mc} \text{ } ______$			Plant Specific Multiplier
E. PLANT WATER REQUIREMENT (PWR)	$ET_0 \times K_L / \text{Reference Period}$	$C \times D / B$		Inches per Day
II. SYSTEM PERFORMANCE				
F. PRECIPITATION RATE (PR)	Calculation or Chart			
G. BASE RUN TIME	$PWR / PR \times 60$	$E / F \times 60$		Minutes per Day
H. RUN TIME MULTIPLIER				
I. ADJUSTED RUN TIME	Base Run Time x Run Time Multiplier	$G \times H$		Minutes per Day
III. SOILS				
J. ROOT ZONE SOIL TYPE	Estimate			
K. AVAILABLE WATER (AW)	Chart			Inches per Inch of Soil
L. ACTIVE ROOT ZONE DEPTH	Estimate			Inches
M. PLANT AVAILABLE WATER (PAW)	$AW \times \text{Root Zone Depth}$	$K \times L$		Inches
N. ALLOWABLE DEPLETION (AD)	$PAW \times 0.50$	$M \times 0.50$		Inches
O. IRRIGATION INTERVAL	AD / PWR	N / E		Days
P. WATER APPLIED	$PWR \times 1.06 \times \text{Irrigation Interval}$	$E \times H \times O$		
Q. TOTAL RUN TIME PER DAY	Adjusted Run Time x Irrigation Interval	$I \times O$		Minutes
R. BASIC INTAKE RATE (BIR)	Chart			Inches per Hour
S. CYCLES	$\text{Water Applied} / BIR$	P / R		Cycles
T. RUN TIME PER CYCLE	$\text{Total Run Time} / \text{Cycles}$	Q / S		Minutes