

POINT SOURCE SCHEDULE WORKSHEET

PROJECT NAME _____
 ADDRESS _____
 CITY/ STATE _____

DATE _____

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. DAILY ET	Reference ET / Reference Period	C / B		Inches per Day
E. LANDSCAPE COEFFICIENT (K _L)	K _(p,t) _____ x K _d _____ x K _{mc} _____			Plant Specific Multiplier
F. LANDSCAPE CANOPY AREA	3.14 x Radius ²			Square Feet
G. PLANT WATER REQUIREMENT	0.623 x Area x K _L x ET ₀	0.623 x F x E x D		Gallons per Day
II. SOILS				
H. ROOT ZONE SOIL TYPE	Estimate			
I. AVAILABLE WATER (AW)	Chart			Inches per inch of soil
J. ACTIVE ROOT ZONE DEPTH	Estimate			Inches
K. PLANT AVAILABLE WATER	AW x Root Zone Depth	I x J		Inches
L. ALLOWABLE DEPLETION	PAW x 0.50	K x 0.50		Inches
M. IRRIGATION INTERVAL	AD / Daily ET	L / D		Days
N. WATER APPLIED	PWR x Irrigation interval	G x M		
II. SYSTEM PERFORMANCE				
O. RUN TIME DESIRED	Judgement			Minutes
P. RUN TIME FACTOR	Chart			Specific Multiplier
Q. APPLICATION RATE (IDEAL)	Water Applied x Run Time Factor	N x P		Gallons per Hour
R. APPLICATION RATE (SELECTED)	Emitters x Flow Rate			Gallons per Hour
S. ADJUSTED RUN TIME	Water Applied / A R (Selected)	N / R x 60		Minutes
T. BASIC INTAKE RATE	Chart			Inches per hour
U. CYCLES	Daily ET x Interval / BIR	D x M / R		Cycles
V. RUN TIME PER CYCLE	Total Run Time / Cycles	S / U		Minutes