

# POINT SOURCE SCHEDULE WORKSHEET

PROJECT NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 CITY/ STATE \_\_\_\_\_

DATE \_\_\_\_\_

ITEM	SOURCE	VALUE	UNIT OF FUNCTION
<b>I. PLANT WATER REQUIREMENT</b>			
A. PLANT MATERIAL	Planting Plan		Classification
B. REFERENCE PERIOD	Judgement		Days
C. REFERENCE ET (ET <sub>o</sub> )	Source		Inches of Water
D. DAILY ET	Reference ET / Reference Period	C / B	Inches per Day
E. LANDSCAPE COEFFICIENT (K <sub>L</sub> )	K <sub>(p,t)</sub> _____ x K <sub>d</sub> _____ x K <sub>mc</sub> _____		Plant Specific Multiplier
F. LANDSCAPE CANOPY AREA	3.14 x Radius <sup>2</sup>		Square Feet
G. PLANT WATER REQUIREMENT	0.623 x Area x K <sub>L</sub> x ET <sub>o</sub>	0.623 x F x E x D	Gallons per Day
<b>II. SOILS</b>			
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	
<b>II. SYSTEM PERFORMANCE</b>			
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