



Smart Sprinkler

Worksheet No. 5 – Randomised weather

Objective: This worksheet explores using randomly simulated weather to evaluate the reliability of your operating rules. Are your operating rules still reliable if the weather is simulated randomly?

1. Select 'Enable random weather' on the Options tab. Each time you click 'Simulate random weather' different patterns of rainfall, temperature and evaporation will be generated. To evaluate the reliability of your operating rules you will need to repeat the simulation multiple times using the same rules. Remember your garden needs an average garden health score of at least 80%!

Testing Scenario #1		
No of years simulated:		
Garden size:		
Garden type:		
Operating Rules		
Rule #1		
Rule #2		
Rule #3		
Rule #4		
Performance		
Simulation No.	Garden Health (%)	Average water used (kL)
#1		
#2		
#3		
#4		
#5		
#6		
#7		
#8		
#9		
#10		
Av. Performance		
Reliability		
Update rules? (Y/N)		



Testing Scenario #2		
No of years simulated:		
Garden size:		
Garden type:		
Operating Rules		
Rule #1		
Rule #2		
Rule #3		
Rule #4		
Performance		
Simulation No.	Garden Health (%)	Average water used (kL)
#1		
#2		
#3		
#4		
#5		
#6		
#7		
#8		
#9		
#10		
Av. Performance		
Reliability		
Update rules? (Y/N)		

Testing Scenario #3		
No of years simulated:		
Garden size:		
Garden type:		
Operating Rules		
Rule #1		
Rule #2		
Rule #3		
Rule #4		
Performance		
Simulation No.	Garden Health (%)	Average water used (kL)
#1		
#2		
#3		
#4		
#5		
#6		
#7		
#8		
#9		
#10		
Av. Performance		
Reliability		
Update rules? (Y/N)		