

survival under
both herbicides

int %R = 5e-05
int %Q = 5e-05

a)

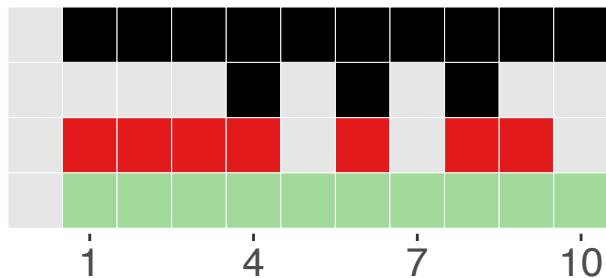
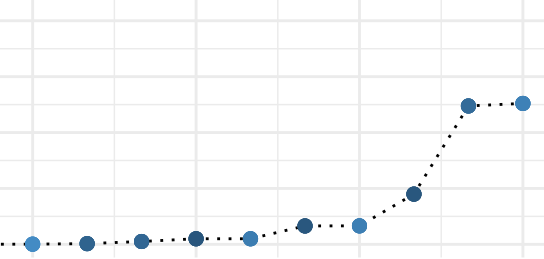
0.4
0.3
0.2
0.1
0.0

spot-
plow-
herb-
crop-

1 4 7 10

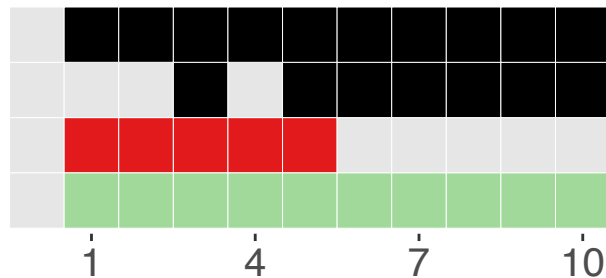
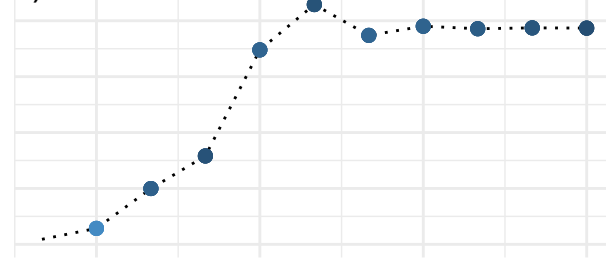
int %R = 0.45
int %Q = 5e-05

b)



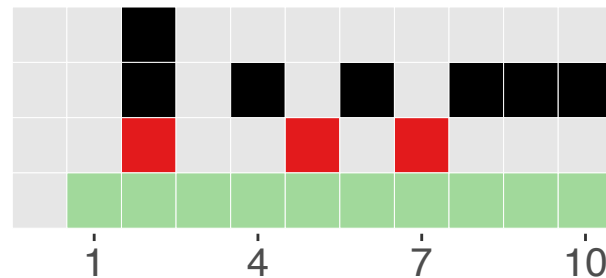
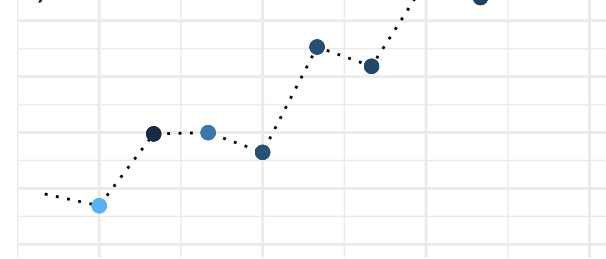
int %R = 0.45
int %Q = 0.005

c)



int %R = 0.45
int %Q = 0.05

d)



reward (£)

1100
1000
900
800
700

sub-actions

herb R
herb Q
winter wheat
plowed
spot control
none

time step