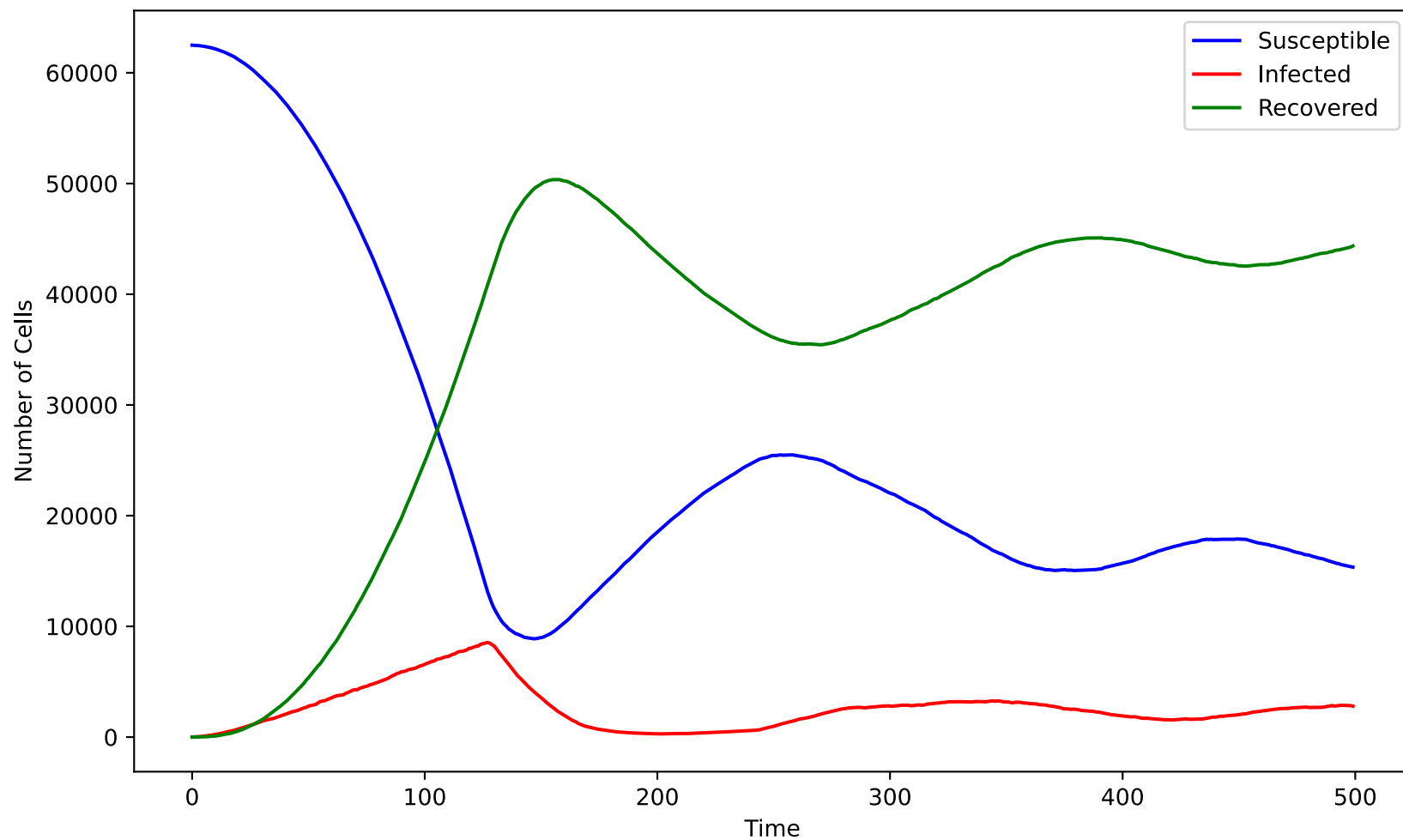






Evolution of Cell States Over Time



$$\rho = 0.0005$$

**Prawdopodobieństwo zaniku  
odporności - nowy parametr**

$$\beta = 0.5 \quad \gamma = 0.1$$

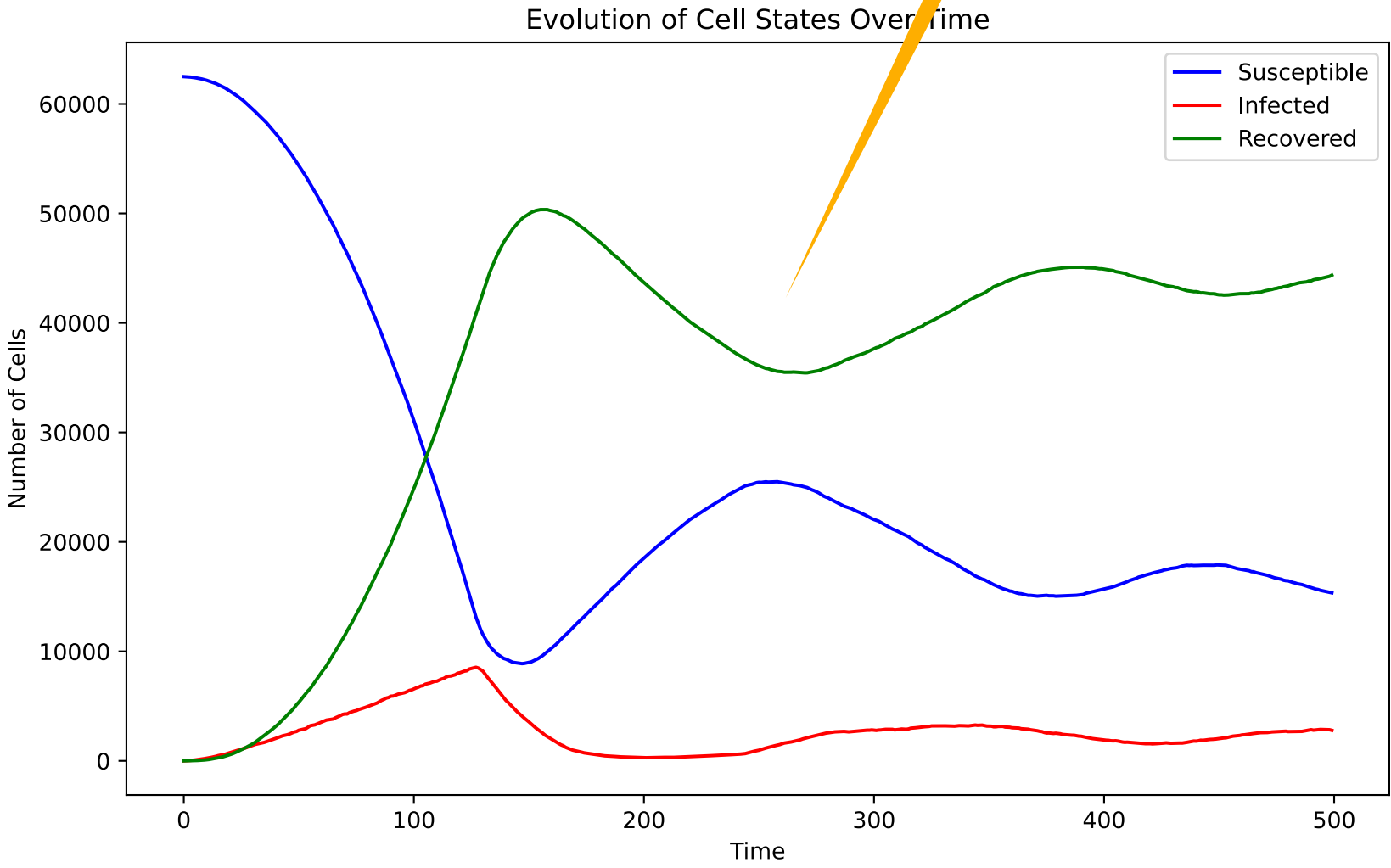
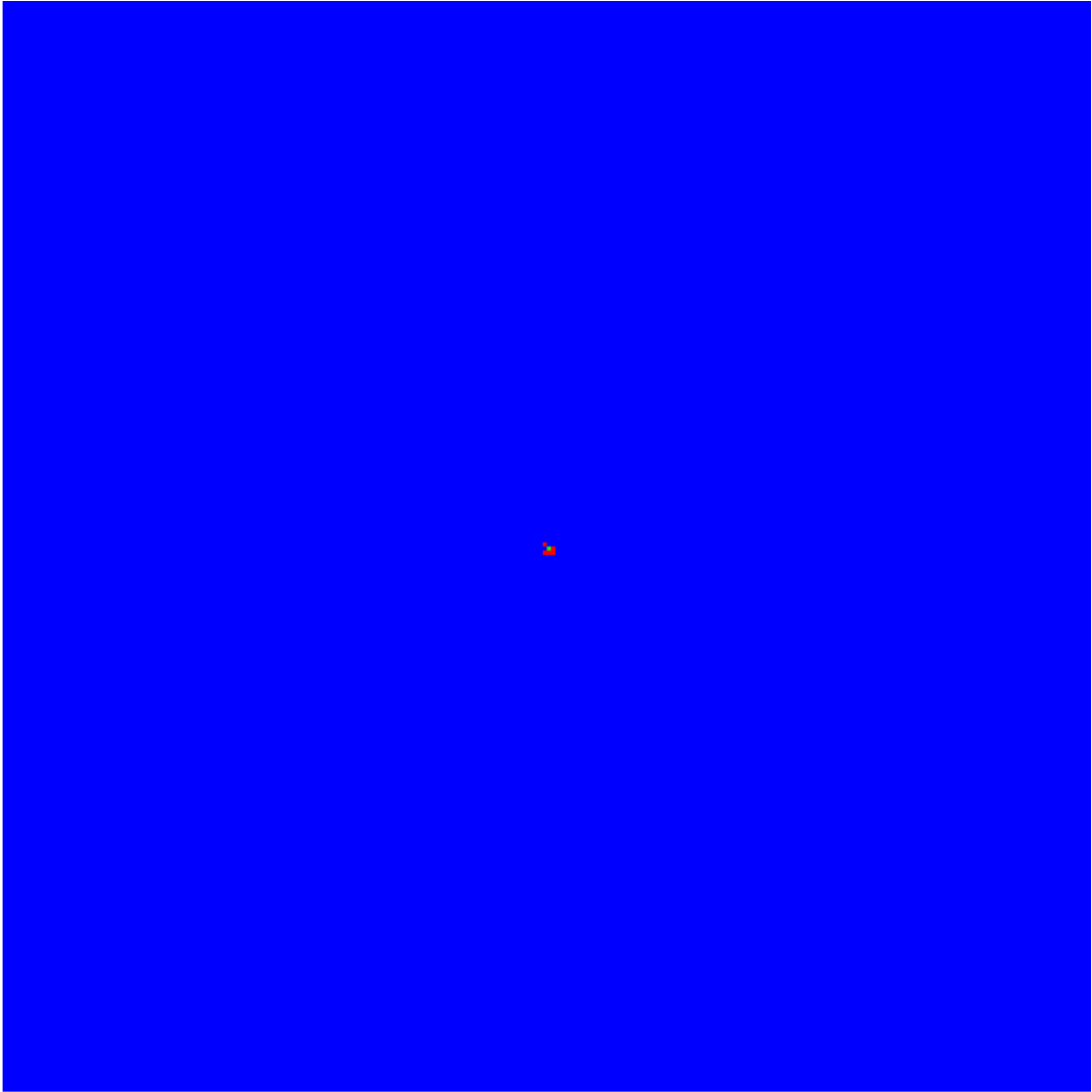


Pojawiają się  
fale!







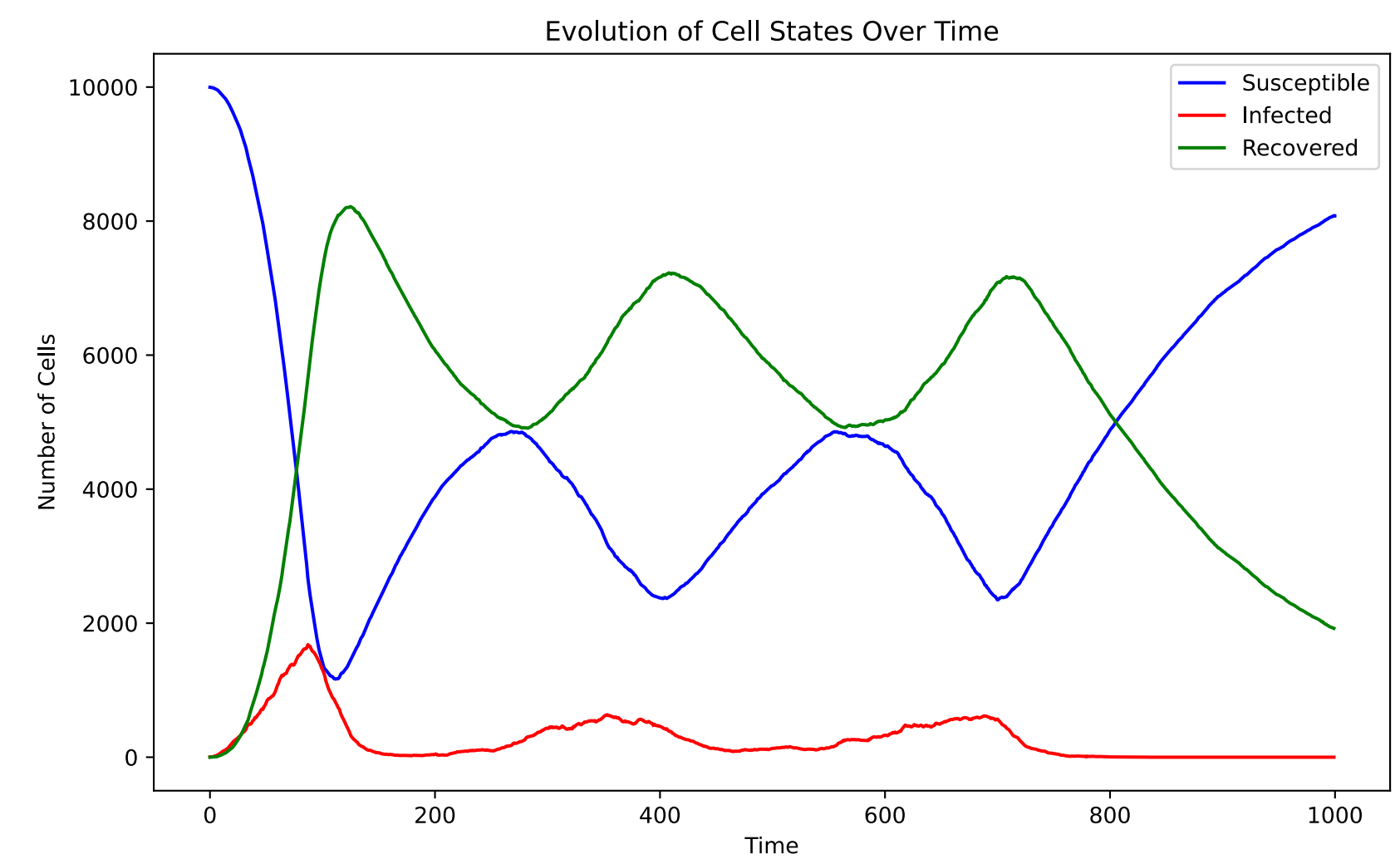
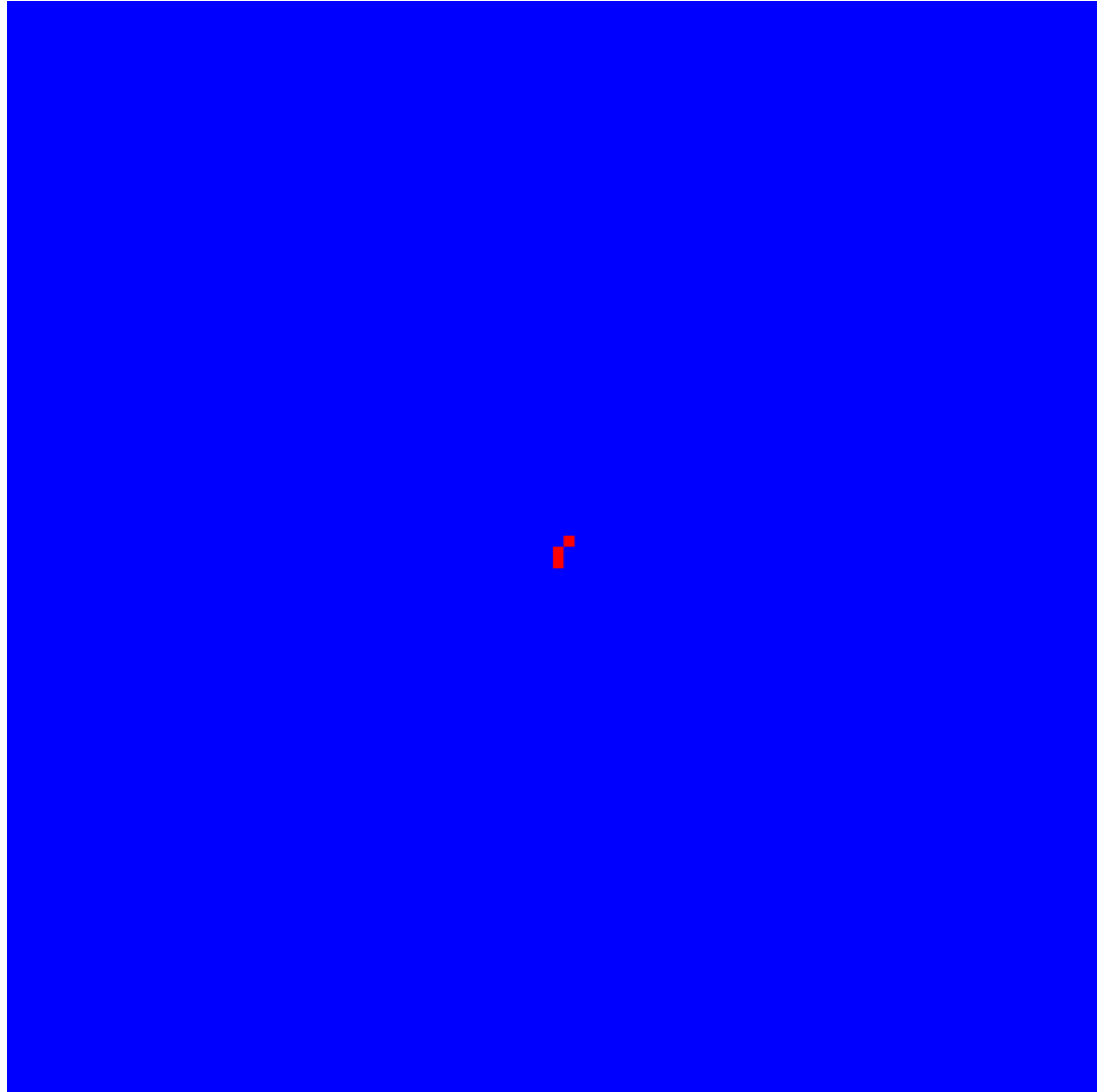


Pojawiają się fale!

$$\beta = 0.5 \quad \gamma = 0.1$$

$$\rho = 0.005$$

Prawdopodobieństwo zaniku odporności - nowy parametr



$$\beta = 0.2 \quad \gamma = 0.1$$

$$\rho = 0.005$$