

```
For each time step  $t$  do
    estimatedPop = DynamicModel ( $t$ )
    allocatedPop = 0
    while (allocatedPop < popEstimated) do
        for each cell in decreasingOrder (averageKernelMap)
            quantity =  $63 * \text{cell.KernelIntensity}$ 
            cell.eggPop = cell.eggPop + quantity
            allocatedPop = allocatedPop + quantity
        end for each cell
    end while
     $t = t + 1$ 
end for each time step
```