# Performance Benchmark Result

Hardware Specs of the test machine:

|  |  |
| --- | --- |
| OS Name | Microsoft Windows 10 Home Single Language |
| System Type | x64-based PC |
| Processor | Intel(R) Core(TM) i7-7700HQ CPU @ 2.80GHz, 2808 Mhz, 4 Core(s), 8 Logical Processor(s) |
| Installed Physical Memory (RAM) | 16.0 GB |

Max Population Cycles: 43 months

(This can be more if the population growth rate is slower in earlier cycles)

Max Population Achieved: Around 7 million

\*More optimizations can be done to achieve better results

Below are the charts of an average test result:

Total Time (Y Axis – In Seconds) vs. Simulation Cycles (X Axis - In Months)

Cycle Duration (Y Axis – In Seconds) vs. Simulation Cycles (X Axis - In Months)

Total Animal Count (Y Axis) vs. Simulation Cycles (X Axis - In Months)