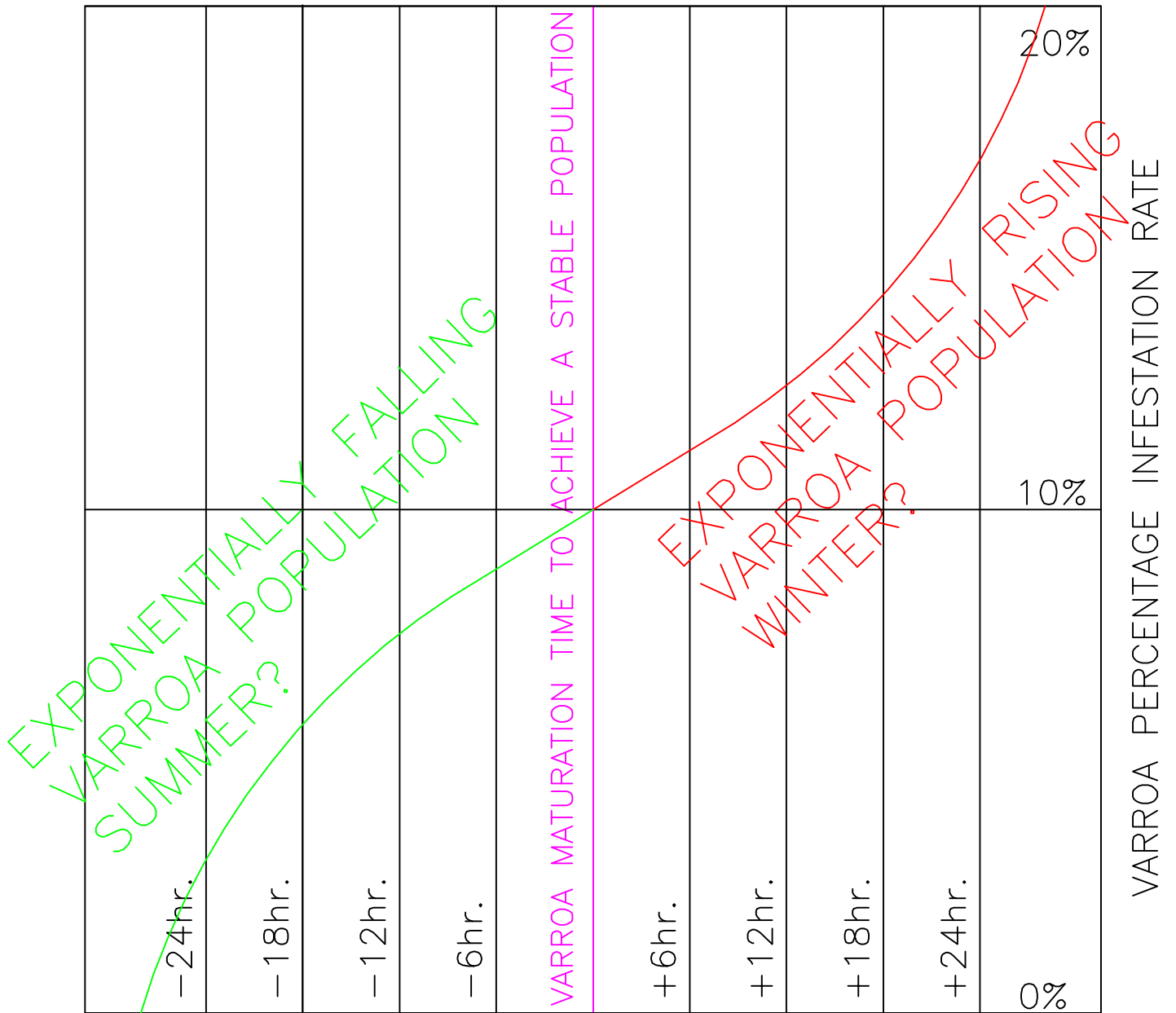


THE ZEST VARROA EXTINCTION/SURVIVAL DIAGRAM



QUICKER ← BEE PUPATION TIME → SLOWER
 WARMER COOLER
 SMALLER CELLS LARGER CELLS
 (HIGHER RH) (LOWER RH)

Above 37 deg. the pupa die.
 35 deg. 10–11 days as pupa.(summer?) 96–98% surviving
 31 deg. 14–15 days as pupa.(winter?) 89–100% surviving.
 Below 29 deg. the pupa die.

Therefore winter is varroa breeding heaven due to more pupation time for varroa to mature.

Google:– "Synaptic organisation in the adult bee brain is influenced by brood temperature control during pupal development" and view table 1.