

1. We require $39.9 \leq L \leq 40.1$. Thus

$$39.9 \leq 39.6 + 0.025T \leq 40.1$$

$$0.3 \leq 0.025T \leq 0.5$$

$$12 \leq T \leq 20.$$

The temperature should be kept between 12°C and 20°C .