$$E_{month} = \frac{\sum_{i=1}^{n}(HAP_i)(TMASS_i) + \sum_{j=1}^{m}(HAP_j)(TMASS_j)\left(1 - \frac{EFF}{100}\right) + \sum_{k=1}^{p}(HAP_k)(TMASS_k)}{RMASS} \qquad \text{(Eq. 4)}$$