



# CLIMATECHECK

Optimize your energy use and improve your profits

## A ClimateCheck analyses the nursery's energy use

The result of the analysis is a documented report with suggestions on changes in e.g. temperature, humidity, artificial light or screen management leading to energy savings. The report also contains a description of the analysis methods and expected yearly energy savings provided that the recommended changes are carried out.

## How is a ClimateCheck performed?

The energy consumption of the nursery is analysed by means of a modelling programme. The analysis is based on collected climate data from the climate computer and the nursery's physical conditions together with the actual energy consumption. In consultation with the nursery a number of energy saving initiatives are chosen which are tested by means of the modelling programme to determine the effects on the energy consumption and the consequences for the climate. The chosen strategies are included in the final report.

Depending on the choice of energy saving initiative, a ClimateCheck will be able to answer:

- How much can you save changing to a more dynamic climate strategy?
- What significance does the set point for the screen operation have for the energy consumption?
- What significance does the night temperature have?
- Will it pay off to leave the screens on at a dark winter day?
- When does the nursery use most energy?
- Is the artificial light strategy optimal?

Data from a climate computer tell nothing about all this. However, a fortune is hidden in your data – if used properly. AgroTech is able to analyse the climate of the nursery and offer you a qualified estimate of possible energy savings.

We answer questions about when the energy is used throughout the day, hour by hour, and in context with the use of vents, screens and artificial lights we are able to give advice about energy savings.

For further information please contact our department for nursery innovation.