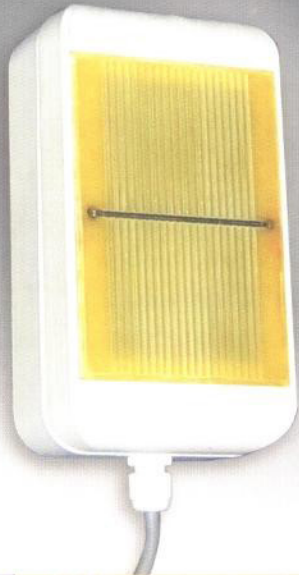


Dew Sensor

Controlled Humidity



Superior Solution for Detecting Dew Condensation

**With
Dew Sensor a reduction
of fungal diseases can
be achieved**

- ▶) Helps to prevent diseases caused by dew condensation on the leaf
- ▶) Saves energy used for heating & cooling of the greenhouse air
- ▶) Higher crop quality for lower cost
- ▶) Environment friendly

Superior Quality

The process dew detecting solution is outstanding in both performance and significant cost saving. When condensation is accumulated on the leaf surface, many diseases can be formed, causing growth of pathogenic spores in the plant. The patented Dew Sensor simulated as artificial leaf, measures the condensation level on its surface to make sure no standing water exists and thereby reducing the probability for fungal diseases.

Patented Technology

The process is an innovative development of an "artificial leaf" which is the only accurate device capable of sensing when condensation does in fact occur. When the sensor detects condensation, it sends an electronic warning signal, which activates the current drying/heating equipment and thereby prevents the plant from germinating pathogenic spores. This method is highly efficient both by preventing diseases without using any disinfections and by protecting the environment.

Optimum Performance

The Dew Sensor eliminates condensation by activating greenhouse fans, window vents, or other ventilation

or heating equipment to dry the leaves whenever condensation is detected. This is done by sending electronic signal, which activates the heating device, subjected to user's decision. Its current loop interface (4-20 mA) allows for exact immediate control with no need for regular maintenance. The process technology is unique and no competing products effectively predict and control condensation on leaf surface like it. The sensor can be connected to any electronic control device (controller, timer etc.).

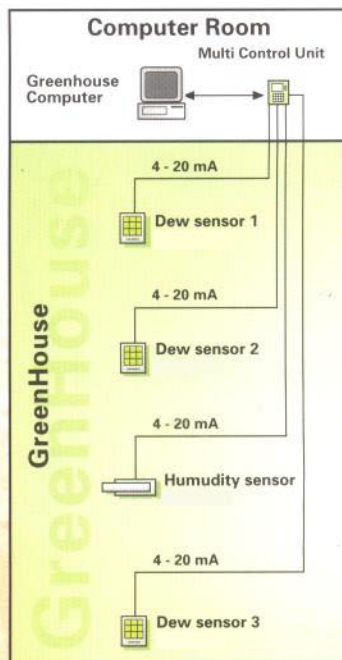
Return on investment

Process's record and performance demonstrate a high return on investment, showing results and profits within the same growing cycle. The system is modular and easy to maintain, with low operational costs.

Benefits

- Highly effective in preventing quality losses
- Unique method - the only accurate measure of condensation on the leaf
- Increases greenhouse profits by saving energy and reducing fungicide treatment
- Environment friendly – no use of disinfections

Dew Sensor Connection



Dew Sensor Graph

