No

No

No

No

Wait for period of next measuring period

Close curtain

Yes

Light density < Threshold value

Close curtain

Yes

Yes

Light density > Threshold value

Pump water

Soil moisture > Threshold value

Turn on fan

Yes

Temperature, humidity value > Threshold value

Stored in local server

Begin

Get value of temperature, humidity, light intensity, CO2 concentration

Display to GLCD screen

Connect to sensors

Initialization