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Serdang demonstration greenhouse

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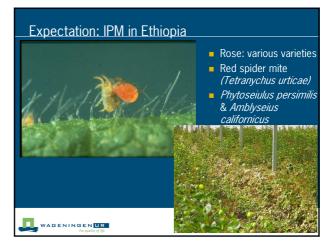
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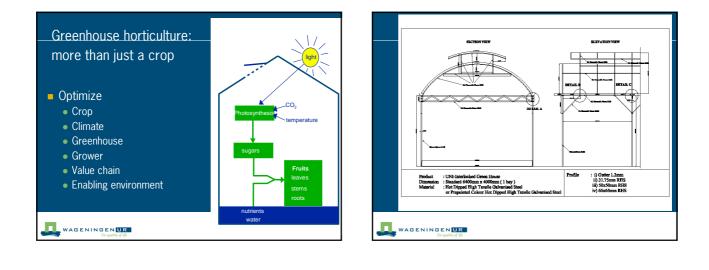


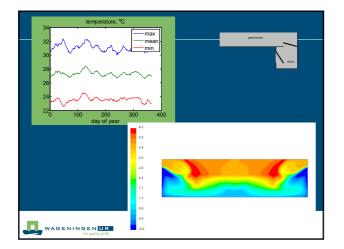




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Three greenhouses
 Greenhouse 1: Recirculation Drain meter, tensio meter and at light meter at pump house. Drain water will be in a underground tank a pumped back to pump house to be used and mixed in the next irrigation.
 Greenhouse 2: Tensio meter and light meter only. Minimum drain. Greenhouse 3: As greenhouse 2 But, before every irrigation the water will be pumped through the system (to flush previous warm irrigation water).

Sensors

- Weather station
 - Temperature (in & out)
 - Relative humidity Wind direction & speed
- rain
 CO2 (?)
- Light
- Medium temperature
- drain

Setting up the research

- reason for the research
- research goals
- research objectives: more detailed
- possibilities
- restrictions
- preferred working habits
- experimental details
- data to be acquired, how
- practical organization
- expected method of analysis

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