



CFD Simulation of Natural Ventilation of a Parral Greenhouse with a Baffle Device below the Greenhouse Vents [

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Monografía

An efficient greenhouse cooling with natural ventilation must combine a sufficient number of air exchanges, in order to evacuate the excess sensible heat, with a good air circulation through the canopy. This can be usually achieved with a good combination of roof and not too distant side vents. However, many greenhouses do not have side vents, and air exchange takes place only through the roof vents. If such is the case, it has been observed on CFD simulations that most of the air is ...

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