

de diminuir a temperatura às 9 e 15 horas e aumentar a temperatura às 7 horas.

Em relação a umidade relativa, foi observado que a cobertura teve efeito na diminuição de sua variação. A umidade do ar sob a cobertura de 50% de sombra foi maior em quase todos os dias.

Pode-se incluir, que apesar de pequenos, o aumento na temperatura mínima como a diminuição na temperatura máxima causada pela cobertura, se observadas em conjunto, as sinalam um efeito regulador na temperatura.

SUMMARY

The objective of the present work was to characterize four types of polypropylene screen with different mesh sizes and geometry. The alterations caused by these covers in temperature and air humidity were also verified.

It was observed that for each screen type a decrease in the absorbancy occurred with the increase of the angle of incidence of radiation beams. The differences were small between the temperatures and air humidity in full sunlight and under the different covers. In an overall manner, the effect of the cover was a decrease of temperature at 9 a.m. and 3 p.m. and a rise at 7 p.m.

Though small, both the rise of minimum temperature and the decrease of maximum temperature caused by the cover, if observed as a whole, indicate the existence of a regulating effect on temperature.