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| JUMPTO | | Abstract: In this present study an open sun and greenhouse drying of onion flakes has been performed to study the effect of mass on convective heat transfer coefficient. Three sets of experiments with total quantity of onion as 300, 600 and 900 g were done. The onion was continuously dried for 33 h both in open sun and in the roof type even span greenhouse with floor area of 1.2 > | |
| | | 0.78 m ² . Experiments were carried out during the months of Oc Delhi (28°35'N 72°12'E). Experiments were started at 8 a experimentation under open sun and greenhouse conditions values of the constant `C` and exponent `n` by regressic convective heat transfer coefficient. It is observed that there is convective heat transfer coefficient for open as well as greenhouse that the rate of moisture evaporation in case of greenhouse dr sun drying during the off sunshine hours due to the stored ene experimental observations were analyzed in terms of percentage | am. The data obtained from have been used to determine on analysis and consequently a significant effect of mass or use drying. It is also observed ying is more than that in oper rgy inside the greenhouse. The |
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