



Untersuchungen vom energiesparenden hordentrockner typ hohenheim Mit umluftführung

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The author.s research on the dryer with drawers and recirculation of air Type Hohenheim had as objectives: improving the conditions for drying air circulation; obtaining a uniform distribution of air velocity inside the entire dryer area; obtaining a uniform dried product; find out the functional parameters in order to obtain a high-level quality of the dried products; minimize the specific energy consumption. The dryer was created by Department for Agricultural Engineering in the Tropics and Subtropics from Hohenheim University Stuttgart, Germany, and it can be used to dry various agricultural products. The drying conditions can be controlled and there is a possibility to adapt them to different conditions for every product. Very good results were obtained with fruits, vegetables, some medicinal plants and flowers. Specific energy consumption ist very low.