



# Agricultural Journals

*Research in*

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**Res. Agr. Eng.**

**Mirzaee E., Rafiee S.,  
Keyhani A., Emam-  
Djomeh Z.,  
Kheiralipour K.:**

# Hydro-sorting of apricots based on some physical characteristics

Res. Agr. Eng., 55 (2009): 159-164

In this study, the dropping time of apricot fruits was followed experimentally using a water column. Some effective characteristics of apricots related to the dropping time were determined using standard methods. The best models for the dropping time of *Nasiry*, *Rajabali*, and *Ghavami* apricot varieties as a function of water and fruit densities, shape factor, and fruit volumes were executed with the determination coefficients of 0.95, 0.92, and 0.85, respectively. It was found that