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Editorial

# Res. Agr. Eı

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# Modeling the m
# Iranian export
# (*Allium cepa* L.
# varieties using
# physical
# characteristics

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Mass modeling can be used for development
related to onion (*Allium cepa* L.) processing s
food production processes. There are instance
determine relationships among crop physical c
the mass of Iranian export onion varieties (Az
was predicted by using different physical char
models with three different classifications: (1)
regressions of onion dimensional characteristi
variable regressions of onion projected areas,
based on measured (actual) volume and volur
(prolate spheroid and ellipsoid). The results sh
of onion based on length and three projected a
appropriate models in the first and second clas
third classification, the highest determination c

mass modeling based on the actual volume as