

International Agrophysics

Polish Journal of Soil Science

Acta Agrophysica

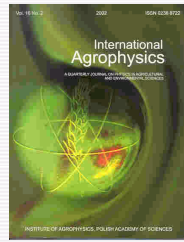
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International Agrophysics

publisher: Institute of Agrophysics
Polish Academy of Sciences
Lublin, Poland

ISSN: 0236-8722

vol. 22, nr. 3 (2008)

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Compression of berry-like cell between two plates - role of internal

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vol. 10 (1996), nr. 2, pp. 89-95

abstract A simple model describing the compression of a round object c
membrane and filled to different levels with a liquid (berry-like cell), has
The radius of contact area is approximately proportional to the relative
the model object. For low compression levels the relationship between
force and the relative compression can be expressed by a power equati
parameters of the power equation strongly depend on the filling level o
object. The multiplicative parameter has a total minimum when the fillin
and in the same case a maximum for the exponent (n') of the relation is