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## Subscription

**Res. Agr. Eng.**

**V. Bulgakov, I.**

**Holovach, M.**

**Berezovyy**

# theory of the cleaning vane with the head of a root crop

Res. Agr. Eng., 52 (2006): 87-96

New interaction theory of a flexible cleaning vane with the head surface of root crop in the case when the vane installed on the driving shaft makes a plane motion is proposed. Based on the obtained differential equations of the vane motion some new mathematical dependencies, describing the basic parameters of this interaction are given.

## Keywords:

flexible cleaning vane; head of root crop; plane motion; differential equation; interaction

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