

# STUDY OF GERMINATION INDICATIVES OF *CALENDULA OFFICINALIS* L. SEEDS

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## Abstract

To identify MMB and germinal capacity, were study 15 local populations of *Calendula* from different localities of Caras- Severin district.

Results obtained through viability testing and monitoring seeds to *Calendula* species allowed to identify some germination indicatives of biologic material. Taking in view the fact that germination tests of spontaneous flora were very complexe, it was considered that a part of seeds couldn't be, however, taken from germinal break.

From the investigations made in Sacu, Tincova, Prisaca, Jupa, Caransebes, Iaz, Obreja, Glimboca, Otelu Rosu, Zavoi, Valea Bistrei, Voislova, Vama Marga, Bautar, Bucova localities on *Calendula* seeds it was determined MMB and bordered in limits admitted by specialists. Laboratory germination, reported to germinal seeds number, had significantly varied among localities and had the limits between 3.3- 90.0%.

In case of germinal energy value the collected samples from Caras-Severin district reported to seed category varied between 3.3- 86.6% for small and medium seeds, respectively 6.6- 90.0% for seeds of big category.

**Key words:** *Calendula officinalis* L., heterocarpy, MMB, germinal capacity

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