

Title Fungi occurrence on the air and on dry bean seed (*Phaseolus vulgaris* L.) stored in container with an atmosphere modifier equipment.

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#### **Abstract**

The potential use of new equipment for seed storage that minimizes the use of chemical products involved in the seed treatment was considered. Several tests were carried out with the objective to evaluate the effects on fungal occurrence on dry *Phaseolus vulgaris* seed and on the air in the storage environment. The percentage of seeds with fungi from the field decreased significantly ( $P>0.01$ ) during storage, in both treatments. On the other hand, the percentage of seeds with storage fungi increased significantly ( $P>0.01$ ) in both treatments, with no significant differences between their average levels at the end of the experiment. The percentage of fungi in the storage air increased in both storage treatments.