

POTENTIAL OF OZONE AS A METHYL BROMIDE REPLACER

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With methyl bromide the most important gas for quarantine and other quick pest control is endangered to be phased out in the near future.

Ozone is well known to be rather toxic to organisms. Intense discussion on threshold limit values in air and its depletion in the stratosphere keeps this substance on the list of agenda. On the other hand, the thought of a substance as pesticide which decomposes into oxygen is a thrill. Russians have developed a method of fairly cheap ozone production. A German firm is now propagating an instrument on the base of the Russian invention which can be scaled up to the actual requirements of hourly production.

First experiments with stored product pest insects have been carried out in a fumigation chamber of 3 m³.

Principal considerations will be discussed.