

### 3. Sublethal concentrations of formaldehyde and phenol

In a preliminary trial of the mutagenic effects of formaldehyde and phenol, solutions of various concentrations were injected into the tassel area, at the sporocyte stage, with a hypodermic needle. The sublethal concentrations for these two substances are:

Phenol: 0.5% to 1.0% by weight.

Formaldehyde: 1:160 to 1:320 dilution of commercial formalin.

Concentrations greater than these resulted in death of the tassel.

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