

RECOMMENDATIONS.

None of the dust materials gave complete control of damping-off. Sufficiently good results were obtained, however, to warrant their use by growers who have not the facilities for treating their soil. Organic mercury dusts such as "Ceresan" or "Agrosan G.," or high-grade copper

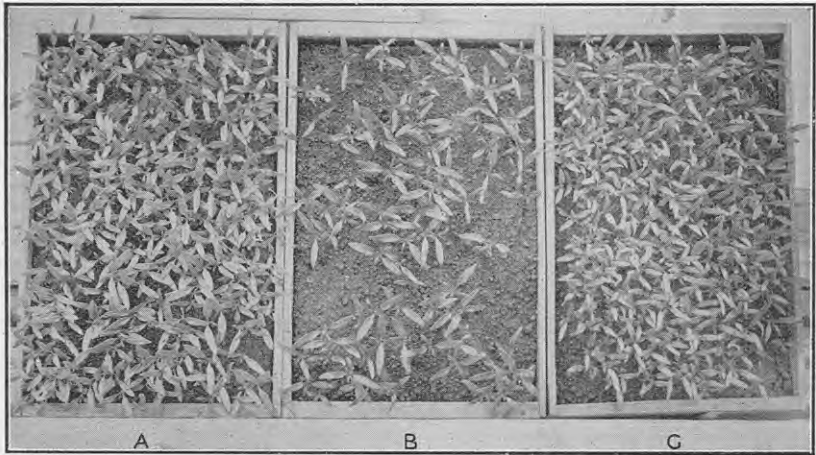


FIG. 1. EFFECT OF SEED DUSTS ON TOMATO-SEEDLING DAMPING-OFF.

All three boxes contained untreated soil to which cultures of *Pythium ultimum* had been added: A, seed dusted with "Ceresan"; B, untreated seed; C, seed dusted with red copper oxide.

[Photo by H. Drake.

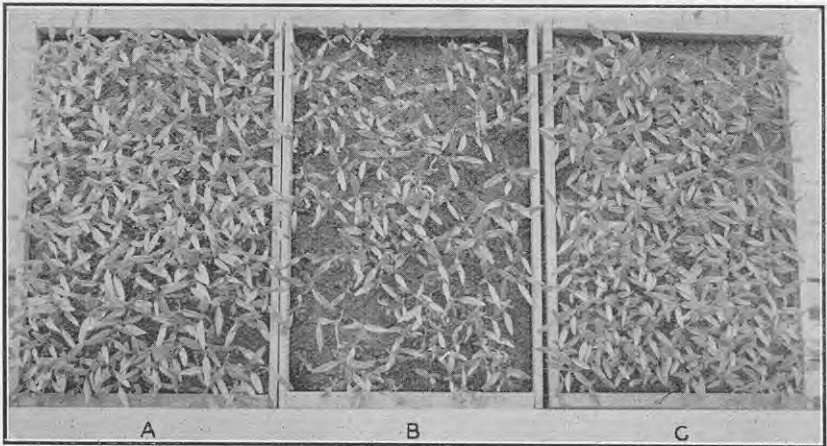


FIG. 2. EFFECT OF SEED DUSTS ON TOMATO-SEEDLING DAMPING-OFF.

Box A contained untreated soil inoculated with *Pythium ultimum*, while boxes B and C contained farm soil naturally infected with this fungus: A, seed dusted with "Ceresan"; B, untreated seed; C, seed dusted with copper carbonate.

[Photo by H. Drake.