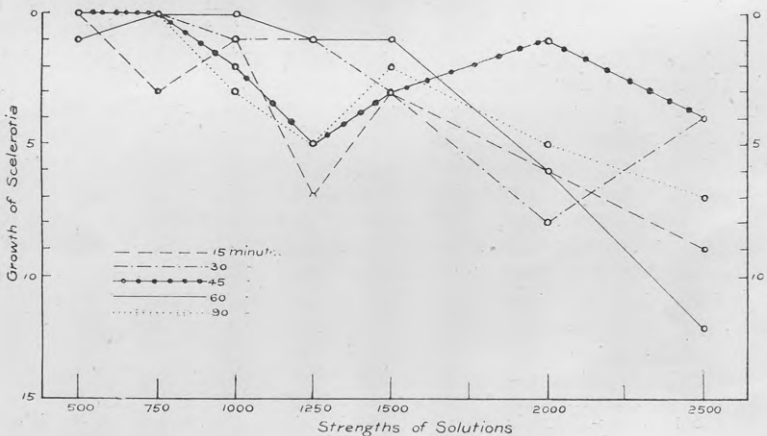


GRAPH 1. NO PRESOAK. MERCURIC-CHLORIDE TREATMENTS.



GRAPH 2. PRESOAK SIXTEEN HOURS. MERCURIC-CHLORIDE TREATMENTS.

These curves (time curves) show the effects of time of immersion and dilution of solutions on the killing of sclerotia.

Graph 3 (which differs from the preceding two in that the abscissæ give times of immersion in minutes and the curves strength of solution) shows that even after two hours' immersion 1-400 failed to give satisfactory control. Solutions 1-750 and 1-1,000 had no effect, for after two hours' immersion 100 per cent. growth was obtained from treated sclerotia.

#### COPPER SULPHATE ( $\text{CuSO}_4$ ).

Preliminary experiments with this fungicide gave every promise that it would prove a satisfactory if somewhat slower reagent than