



GRAPH 3. "USPULUN" TREATMENTS.

These curves (solution curves) show the effects of different solutions on the growth of sclerotia. At no time is complete killing attained.



GRAPH 4. COPPER-SULPHATE TREATMENTS.

This curve shows the effect of sixteen hours' immersion in various solutions of copper sulphate.

mercuric chloride. Therefore a series of experiments was undertaken, in which tubers were immersed for sixteen hours in the following solutions: 1-100, 1-200, 1-300, 1-400, 1-500, 1-600, 1-750, 1-1,000, 1-1,500, 1-2,000. Graph 4 shows that even after this long immersion 1-100, the strongest solution used, would not completely kill all the sclerotia. In this last experiment nine tubers were used for each phase, instead of three as formerly. As these two compounds gave such unsatisfactory results, further experiments were undertaken with mercuric chloride.