as deminist ranging from 1.2×10^{5} per ml. The protoplast suspension was adjusted by this direct to a deminist of 2×10^{5} per ml. Aliquose of $0.1 \times 0.2 \times 10^{5}$ 2000 per opposition variety of 2×10^{5} per ml. Aliquose of $0.1 \times 0.2 \times 10^{5}$ 2000 per opposition variety of which we have been for 7×10^{5} eV c. for the dark. Serifian and cyclopalic acid were ansaped at concentrations of 10^{5} , 10^{5} and 10^{5} M. After each incubation time of time as and photosystem discussed by the sample of protoplants. Number and validity of protoplants were estimated under a microscope with opplemencescence illumination. FDA stating for validity, which is based on the integrity of the order demonstration of the integrity of the order demonstration of microbordis activation, prevention where the contractive of the contractive of the contractive operation was related in a stating solution constanting frame green B.

The results indicated that prolonged exposure of protoplasts to seitful (10° or 10° 40) increased the number of protoplasts and indoced changes in their shape. In-seitful (10° 40) was less effective. The exposure of protoplasts to cyclopalitic add (10° 40° e. less reduced the upleat of FDA into the cells. Moreover, cyclopalitic acid interfered with minchendrial activity. These results can be explained through the high demonstrated or the orthodocure of the cells for the cells of the cells for the cell

CYCLOPALDIC ACID PRODUCTION BY TWO STRAINS OF SEIRI-DIUM CUPRESSI

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Sciridium capressi (telecomorph. Leptensypa capressi) is a pathogenic fungus which causes a destructive canker disease of cypress in various parts of the world. Recent examination of morphological, cultural and physiological characteristics of two strains of S. capressi isolated from cankered cypresses in Greece and in Australia led to the conclusions that the two strains appear to be distinct subspecified

entities. The present study shows that both the Greek and the Australian strains produce the major toxic metabolite evelopaldic acid in culture.

Both furgal strain were grown at 23 % for one month in the data, on Capital configuration were grown at 23 % for one month in the data, on Capital configure attention gives norm and out, in the case of Australian strain, aminor adds and vitamins. The culture filtrates were actified and extracted with service burst monthly data. After cooperation of the toleract, the solid mixed to on oily resides was washed with chloroform and dhen chromosupprathed in two steps on silica pel pile-tex, using two oragine isolverses. The specs formed on the chromosupprate vitamized with a First red safe is obtained to the content of the content of