Dinamica conţinutului in pigmenţi, asimilatori pe parcursul desfăşurării procesului de organogeneză la pătlăgelele vinete (Solanum melogena L.)

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Green chlorophyll pigments (chlorophyll a and b) and yellow pigments or carotenoids (carotenes and xanthophylls) represents photosynthetic or assimilative pigments. All organs or tissues of a plant , if green , that is to say if they have chlorophyll, make photosynthesis, but adapted and at the same time specialized to fulfill this function are the leaves. If green leaves are warmed in ethyl alcohol, methanol, ether, acetone, or chloroform, a green chlorophyll extract is obtained. A later separation through chemical procedures allows the isolation from the extract of chlorophyll of two yellowish pigments: carotene and xanthophyll . The first two pigments are known under the name of chlorophyll , while carotene and xanthophyll under the name of carotenoids.