The invention refers to agriculture, in particular to the plant protection, namely to the protection of apple trees from penicilliosis.

The proposed method includes the extraroot treatment of the apple tree within two weeks after flowering with 0,03% aqueous solution of 3,5-dioxy-4-propionylcyclohexanecarboxylate of calcium with a total consumption of 800...1000 L/ha. The result of the invention consists in increasing the apples resistance to penicilliosis in the postharvest period.

Claims: 1