

Method for protecting perennial honey plants from soil-dwelling phytophages in nurseries involves the use of a thiamethoxam-based chemical insecticide. Thiamethoxam-based insecticide, 250 g/kg, in the form of water-soluble granules, is applied by watering plants via a drip irrigation system at a rate of 0.6 kg/ha 20 days after planting plants in a complex with a carbosulfan-based insecticide, 250 g/l, in the form of an emulsion concentrate and a biological preparation based on the entomopathogenic fungus *Beauveria bassiana* Vuill, titre 900 million/ml, 5% in the form of a wettable powder, for fixation of which a bio-adhesive is used, consisting of acrylamide 6–12%, polysaccharide 0.1–0.4%, copper citrate 0.01–0.04%, water – up to 100% in a mixture with a surfactant – isodecyl alcohol ethoxylate in a quantity of 0.1%, at a rate of 100–350 ml/100 l of water, applied, respectively, to the outer and inner semicircles of the double-coiled spiral-shaped peat-humus sheath of the root system.