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The invention relates to agriculture, namely to a process for preparing an insecticidal solution for extraroot treatment of plants against *Leptinotarsa decemlineata*.

The process, according to the invention, involves the electrochemical pretreatment of water in the cathode chamber of a diaphragm electrolyzer at a current density of 1.5 A/dm^2 up to the attainment of the pH 9.7...9.9 and introduction into the treated water of imidacloprid in an amount of 0.05...0.1 g/L.

The result is to reduce the content of insecticide in the plant treatment solution.

Claims: 1