

Method for reducing negative impact of lithium-containing compounds used to combat varroatosis on cellular metabolism in bees involves supplying the bee colony with potassium ions K^+ . Potassium ions K^+ are introduced into the bee colony by feeding it a mixture of sugar syrup and potassium glycinate at a concentration of 1.5 g/l of potassium with a consumption rate of the mixture, depending on the development of the bee colony, 150 ml per hive, before the start of the spring honey flow, when the air temperature is above 14 °C, and in the fall, upon reaching a stable air temperature below 12 °C.