

The invention refers to apiculture, in particular to a method of prophylaxis and treatment of the American foulbrood of bees.

The method of prophylaxis and treatment of the American foulbrood of bees includes addition into the castor sugar of biomass of the streptomycete *Streptomyces massasporeus* var. *altercoler* CNM-AM-36, manifesting antibiotic activity and administration of the obtained mixture to bees. The mixture is prepared at the rate 1,8...2,2 g of dry homogeneous biomass to 100 g of castor sugar and it is administered once, for 20 g to a lane.

The result of the invention consists in decreasing the treatment term and in considerably reducing the antibiotic accumulation in the apiculture products.

Claims: 1