

## Institute of Microbiology and Biotechnology

MD.72.

**Title** THE STRAIN OF NODULATING BACTERIA *RHIZOBIUM JAPONICUM* RD2, RH. *PHASEOLI* F1, RH. *LEGUMINOSARUM* K2 FOR THE TREATMENT OF SOYBEAN, BEANS AND PEAS SEEDS BEFORE SOWING

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**Patent no.** Patent MD 1011, 2387, 3054, 4246

**Description** Efficient biological preparations for the treatment of soybean, beans and peas seeds before sowing have been obtained based on the bacterial strains found by the authors and their cultivation on special nutritive media. The use of bacterial preparations ensures the improvement of the nitrogen fixation capacity in rizobio-root system by 1,3-2,5 times, as well as the accumulation of nitrogen in the soil (50-120 kg/ha during a year) and the increasing of the seed yield by 15,0-24,8%.

**Class no.**

3.Agriculture and Food Industry