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The invention refers to agriculture, particularly, to methods of determination of milking apparatus rubber nipples quality.

Method of diagnostics of the rubber nipples, installed into the teat cup, includes introduction of the artificial nipple in turn into each teat cup, formation of the vacuum-gauge pressure into the sub-nipple chamber and of pulsation pressure in the teat cup walls spacing. Measuring of the signals is executed in two regimes: in condition of the constant pulsation pressure according to the amplitude and frequency in the walls spacing and in condition of the atmospheric pressure into the teat cup sub-nipple chamber it is measured the vibration amplitude of the rubber nipple. According to this amplitude it is determined the complex rigidity rate (CRR) of the rubber nipple, and in the second regime from the sub-nipple chamber the air is drawn off at the constant velocity keeping the first regime of the pulsation pressure into the walls spacing, thereafter there are measured and fixed the amplitude-time characteristics (ATC) of the rubber nipple cyclic deformations, and the rubber nipple quality is determined according to the set of results obtained during the first and the second regimes.

The result consists in increasing the truth of the rubber nipple quality control in a dynamic regime.