

The invention refers to agriculture, in particular to the fruit growing and may be used in the selection for appreciating the keeping quality of the apples of different varieties.

The method of determining the apple keeping quality includes measuring of electric parameters in the fruit tissues. As

electric parameters is used the coefficient of active electric polarization $CPEa = \frac{R_4}{R_6}$, where R_4 – the ohmic resistance

of the fruit tissue with the electric current frequency of 10^4 Hz, R_6 – the ohmic resistance of the same tissue with the

electric current frequency of 10^6 Hz and the coefficient of reactive electric polarization $CPEr = \frac{C_4}{C_6}$, where C_4 – the

electric capacity of the fruit tissue with the electric current frequency of 10^4 Hz, C_6 – the electric capacity of the same tissue with the electric current frequency of 10^6 Hz, and the keeping quality is determined by the ratio:

$$\frac{CPEr}{CPEa} \times 100\%.$$

The result of the invention consists in increasing the fruit keeping quality accuracy without damage thereof.

Claims: 2