The range of soft drinks in the world markets and in Ukraine is constantly expanding mainly using new innovative raw materials. Today industry produces a large number of products that mimic the taste, texture and physicochemical properties of milk beverages, but made entirely of plant material. These products are called vegetable milk. Grains, nuts and oilseeds are used for the manufacture of beverages.

The authors have developed a production technology of a drink that can be used as a substitute for animal milk obtained exclusively from plant components, namely of walnut. Walnut decreases nervous excitability. The high content of magnesium has a positive effect on the human nervous system, making the body tolerate stress more easily, normalizes sleep. Nuts contain about 77% fat, 90% of which are essential lipids comprising polyunsaturated fatty acids, which have influence on the health, cardiovascular system and are the part of cell membranes.

The article presents a method of producing vegetable milk and proposes the scope of use of the produced beverage. Vegetable milk can be used as a standalone drink or may be included in the formulation dishes. Vegetable milk of walnut may be flavored. Based on this product, coffee beverages can be prepared due to its ability to foam. Milk of walnut kernels can be recommended for use to people which for medical reasons can not consume animal milk, vegetarians or people who observe a fast.

Keywords: substitute, milk, nuts, technology, manufacturing, extraction.