

Annotation

Rakul I. A., Riabovol L. O.

Establishment and assessment the starting material for breeding, confectionary sunflower hybrids direction of use

For analysis of the literature found that global production increased acreage confectionary sunflower. It is widely used in the food industry, especially for production of confectionery and bakery products. The variety of destinations using forms of confectionary sunflower and growing market for products stimulates the development of breeding programs around the world.

Nutritive value of confectionary sunflower kernels allows them to be categorized revitalizing products. One of the main features of the nuclei is high in iron, which is two times more than raisins, zinc, potassium, thiamine, vitamin E. It is an excellent source of dietary fiber. Nuclei containing a reduced amount of saturated fatty acids lowers cholesterol levels. All this gives grounds to provide products containing confectionary sunflower kernels, attractive brands such as "natural product", "product for athletes", "products of nature", and so on.

The presence of stable demand for confectionary sunflower requires a qualitatively new source material that meets the requirements of the confectionery industry.

When creating hybrids crucial parental selection of components that provide their performance.

As source material for breeding lines used in breeding varieties-population, specially designed synthetic populations and hybrids. In the early stages of selection as source material for creating lines using local varieties and breeding-population.

One problem that arises for the cultivation of sunflower is clogged monocots and dicotyledonous weeds, leading to a significant reduction in the yield of crops. Currently used systems herbicidal growing sunflower Express Sun and Clearfield®. They involve the use of herbicides Express and Euro Lightning and sunflower hybrids resistant to these herbicides.

Today, Ukraine is not created confectionary sunflower hybrids that would be resistant to herbicides. So acute problem of the issue of creating the source selection material of sunflower confectionery directions for use of heterosis hybrids resistant to herbicides and groups imidozalinoniv trybenuron-methyl.

Keywords: *confectionary sunflower, raw material, herbicides, resistance, Express, Euro Lightning.*