

KANADCHANKA CULTIVAR *SILPHIUM PERFOLIATUM* AS PROTEIN FODDER SOURCE



Specification

The *Kanadchanka* cultivar is an early ripening perennial crop resistant to frost and drought, used for silage, green fodder, and hay. The *Kanadchanka* cultivar bred at the NBG has been recorded in the State Register of Plant Varieties of Ukraine.

The yield of tops, t/ha	90–120
Protein content, %	19.6–23.0
Protein yield, t/ha	2.4–2.6

Areas of Application

The cultivar can be used in agricultural production and horticulture as fodder, melliferous, medicinal, and ornamental plant

Advantages

The main advantage of this variety is a durable life (over 15 years) and a high yield. Protein yield per 1 ha exceeds 2.0–2.5 times that of corn and sunflower. *Silphium* protein contains a complete set of essential amino acids. In regions with insufficient precipitation in summertime *Silphium* can be used as emergency culture. It is a good melliferous plant due to its long-term flowering and has a nice decorative appearance

Stage of Development.

Suggestions for Commercialization

IRL3, TRL3

License agreement for commercial use of varieties; seeds and recommendations on cultivation and use are provided

IPR Protection

IPR3

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