

ZHARYNKA CULTIVAR OF *PHYSALIS PUBESCENT* AS PECTIN SOURCE AND VALUABLE DIETARY PRODUCT



Specification

Annual plant of the *Solanaceae* family; it is resistant to diseases (mildew), pests (Colorado potato beetle) and undemanding to soil. Its ripe fruits have yellow-amber color, sweet flavor and strawberry aroma.

Zharynka cultivar bred at the NBG has been recorded in the State Register of Plant Varieties of Ukraine.

The growing season of *Physalis* lasts for 90–120 days.

Productivity (yield)

fruits, t/ha	12.3–12.6
seeds, kg/ha	120–180

Sowing rate

seedlings method, kg/ha	0.5
sowing method, kg/ha	1.5

Areas of Application

This cultivar can be used for food industry both fresh (in salads) and processed (canned, salted, pickled, jams, jellies, etc.)

Advantages

The use of *Zharynka* cultivar enables to get a raw material with higher qualitative and quantitative indices. It has a high nutritional value as compared with other members of the family and a long term of fruit storage (about 3 months)

Stage of Development.

Suggestions for Commercialization

IRL3, TRL6

The original seeds and planting material and recommendations on *Zharynka* cultivation can be provided upon request

IPR Protection

IPR1, IPR2

Contact Information

Jamal B. Rakhmetov, M.M. Gryshko National Botanical Garden of the NAS of Ukraine;
+38 044 285 01 20, e-mail: jamal_r@bigmir.net