

CORNELIAN CHERRY CULTIVARS



Lukianivskyi variety



Korolovyi Marka variety



Nizhnyi variety»

Specification

Fruits are oval, round, pear-shaped, bottle-shaped; red, cherry, yellow or pink colored. Fourteen cultivars (early, middle, and late ripening within the period from August to November) have been recorded in the State Register of Plant Varieties Suitable for Growing in Ukraine.

Average weight, g	5.0–8.0
Maximum weight, g	9.0–10.0
Biochemical parameters, %:	
carbohydrates	9.7–15.0
glucose	4.0–4.5
fructose	4.0–4.6
pectin	0.73–1.4
total acidity	2.2–3.2
ascorbic acid, mg%	85.0–153.0
anthocyanins content:	
in the pulp, mg%	114.0–198.0
in the skin, mg%	710.0–875.0

IPR Protection

IPR2, IPR3

Areas of Application

The cultivars are used in gardening, food industry, canning, and confectionery. The fruits are used fresh. Fresh fruits, juice, bark, shoots, leaves, and roots are used as astringent, tonic, antiscorbutic, antidiabetic, and appetite-stimulating agent in pharmacognosy

Advantages

These Cornelian cherry cultivars have no counterparts in the world in terms of varietal diversity, quality and yield of fruits, and winter hardiness

Stage of Development.
Suggestions for Commercialization

IRL3, TRL4

The use of varieties is governed by license agreements. Recommendations on plant cultivation are provided. Plant and propagation materials are available

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