

ACTINIDIA CULTIVARS



Katrusia (left) and *Smaragdova* (right)
kiwifruit cultivars

Yuvileina kiwifruit cultivar

Areas of Application

The cultivars are used in gardening, food industry, canning, confectionery, and pharmacognosy. The fruits that have a string flavor taste and a high content of biologically active substances are suitable for use both fresh and processed by various methods. All parts of the plant are used in medicine

Advantages

The cultivars are high-yield, frost resistant, and early-ripening. They are suitable for commercial planting at farms and for household gardens. The kiwifruit cultivars enrich an assortment of plants yielding fruits with high content of vitamins

IPR Protection

IPR2, IPR3

Specification

The cultivar fruits are round- and oval-shaped, green, red-brown or pink colored. The plants are resistant to pests and diseases. The kiwifruits are especially valuable for containing a specific enzyme, actinidain. The *Smaragdova*, *Yuvileina*, *Katrusia* and other cultivars (totally 17 items) have been recorded in the State Register of Plant Varieties of Ukraine.

Average weight depending on variety, g	6–10
Maximum weight, g	12–17
Yield per plant, kg	50
Fruit biochemical parameters:	
carbohydrates, %	10.5–17.2
ascorbic acid content, mg%	70–110
total acidity, %	0.5

Stage of Development.

Suggestions for Commercialization

IRL3, TRL4

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

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