



DENOMINATIONS AND SYNONYMS:

(I. Trujillo, D. Barranco, P. Morello)

Balunjača, Bračka, Debela, Domaća, Krupnica, Mekura, Nasa Domaca, Orbula, Orcula di Liasino, Orkis, Orkula, Pitoma, Torkula , Torkuljica, Trgulja, Velika, Balunjača, Bračka, Debela, Domaća, Krupnica, Mekura, Nasa Domaca, Orbula, Orcula di Liasino, Orkis, Orkula, Pitoma, Torkula , Torkuljica, Trgulja, Velika,

ORIGIN AND DIFFUSION:

It is the most important variety in Croatia. It is spread over the entire olive growing area of Croatia. The olive trees of this variety take up at least 60% in the orchards and it is currently the most propagated variety at nurseries in Croatia.

Gabriela Vuletin Selak

PURPOSE: Oil, Table olives

MORPHOLOGICAL CHARACTERISATION:

Tree	Vigour	Medium
	Growth habit	Spreading
	Canopy density	Sparse
Leaf blade	Length	Medium
	Width	Medium
	Radio length/width	Moderately elongated
	Curvature of longitudinal axis	Incurved
Fruit	Weight	High
	Radio length/width in position A	Slightly elongated
	Over colour at full maturity	Black
	Symmetry in position A	Weakly asymmetric
	Shape of apex in position A	Rounded
	Nipple	Absent or weak
	Shape of base in position A	Rounded
Stone	Ratio length/width	Moderately elongated
	Weight	High
	Symmetry in position A	Weakly asymmetric
	Symmetry in position B	Symmetric
	Number of grooves on basal end	More than 10
	Distribution of grooves on basal end	Evenly distributed
	Shape of apex in position A	Acute
	Mucron	Present
	Shape of base in position A	Acute
	Rugosity of surface	Medium



MOLECULAR CHARACTERISATION (SSRs)

UDO-43	DCA3	DCA9	DCA16	GAPU-101
172/175	237/251	160/202	148/173	189/217

AGRONOMICAL CHARACTERISATION AND COMMERCIAL CONSIDERATIONS

This variety is well adapted to poor growing conditions. It has a high rooting ability. The flowering period is intermediate and its pollen has a good germination capacity. The percentage of pistil abortion is high. In the past, it was cultivated without pollinisers but in the new orchards under cross-pollination conditions its fruit set is significantly enhanced. Its productivity is medium and alternate. The fruit ripens early. It is suitable for green and black pickling or oil production. It has a medium oil content and the oil is of good quality, with medium oleic acid content and stability. It shows good resistance to drought but does not tolerate spring cold. It is susceptible to olive fly but quite resistant to olive knot disease.

Gabriela Vuletin Selak