

ERVI

This variety was obtained in 1970 by Professor Mario Fregoni by crossing Barbera with Croatina. In Aramaic, Ervi means vine.



Ampelographic characters: the bud shows an open, whitish-green apex. The pentagonal, five-lobed leaves have a slightly open petiolar sinus with a V-shaped base. The underside is wooly, and the cluster is medium-sized, elongated, pyramid-shaped and averagely sparse. It holds a small berry with an averagely pruinose, thick skin.

Cultural aptitude: vine of average vigour, with an upright growth habit. It adapts to hilly terrains, even if they are not very fertile.

Training system and pruning: well suited to Guyot with mixed pruning. Since it has a good basal fertility, the fruiting shoots can be short (5-7 buds).

Bud-burst period: average.

Ripening period: average.

Yield: average and constant, sometimes showing green millerandage.

Susceptibility to diseases and adverse conditions: normal.

Enological potential: it gives intense ruby red wines with an excellent aromatic profile with hints of wild berries, plum and morello cherry. It is slightly spicy. Good structure and alcohol content.

Clones undergoing homologation procedure: VCR17.



CULTIVATED AREA IN ITALY

YEAR	1970	1982	1990	2000	2010
HECTARES	n.d.	n.d.	n.d.	n.d.	4

AGRONOMICAL AND ENOLOGICAL PERFORMANCES OF ERVI "VCR"

VARIETY	ORIGIN	HARVEST	TRAINING SYSTEM	NUMBER OF VINES/ha	AVERAGE PLANT WEIGHT Kg	YIELD t/ha	BRIX DEGREE	TOT. AC. IN TART. AC. (g/l)	MUST ph
Ervi	VCR test plot in Piedmont	2007	Guyot	5,000	1.96	9.8	23.2	7.5	3.38
Ervi	VCR test plot in Piedmont	2008	Guyot	5,000	2.0	10.0	23.7	6.5	3.45
Ervi	VCR test plot in Piedmont	2010	Guyot	5,000	1.96	9.8	22.8	8.5	3.28
AVERAGE DATA				5,000	1.97	9.87	23.23	7.5	3.37

	WINE TOTAL ACIDITY (g/l)	TARTARIC ACID (g/l)	MALIC ACID (g/l)	WINE ph	NET DRY EXTRACT (g/l)	FLAVONOIDS (mg/l)	ANTHOCYANINS (mg/l)	TOTAL POLYPHENOLS (mg/l)	ALCOHOL (% vol.)	REDUCING SUGARS(g/l)	VOLATILE ACIDITY (g/l)
	5.3	1.3	0.1	3.71	28	1059	743	2141	14.17	3.3	0.77
	6.3	2.4	0.53	3.41	27.3	1980	640	2,820	14.45	3.8	0.47
	5.99	2.91	0.8	3.68	32.22	1,102	805	1,801	13.92	3.0	0.42
AVERAGE DATA	5.86	2.2	0.48	3.6	29.17	1,380	729	2,254	14.18	3.37	0.55