



CHÂTEAU
GRUAUD LAROSE

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Second Grand Cru Classé en 1855

AOC SAINT JULIEN

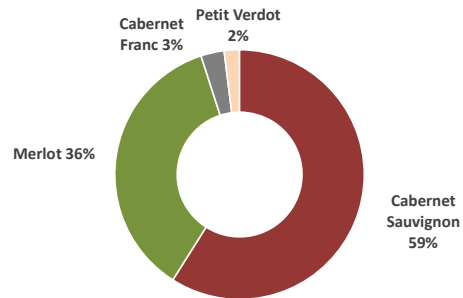
TECHNICAL DATA 1988

VINTAGE 1988

CLIMATE

1988 was marked by certain contrasts: winter and spring very humid and hot, summer dry and moderately hot. Bud burst observed a week in advance. Rapid and regular flowering. Maturation evolved normally (July averagely warm and humid; August dry, a little hot). Heavy winter and spring rain (from November to end of June), followed by severe drought from mid July. August and September marked by little rain, yet no water stress. Temperatures close to normal. A few days before harvest, the sugar content and acidity resembled those of the recent good vintages. The skins were very thick, and exceptionally rich in colouring matter and tannins.

BLENDING



Alcohol: 12,71° Total acidity: 3,2

PHENOLOGICAL STAGES

	MERLOT	CABERNET SAUVIGNON	CABERNET FRANC	PETIT VERDOT	MALBEC
Green tips	4/5	4/12	4/6	4/15	4/7
Mid-flowering	6/5	6/15	6/7	6/17	6/6
Beginning of veraison	8/5	8/13	8/6	8/15	8/6
HARVEST DATES	10/3-10/19	10/3-10/19	10/3-10/19	10/3-10/19	10/3-10/19

VINEYARD MANAGEMENT

Integrated Pest Control (mechanical work, organic fertilisation), Weather Station (phytosanitary protection), Prophylaxis (thinning out the leaves, removal of excess buds and shoots, green harvest). Heightening of the trellis. Manual harvesting, selection on a belt in the vineyard and double sorting at the harvest reception. 100% of the surface is managed according to the principles of Organic and Biodynamic Agriculture.

AREA UNDER VINES: 82 ha/203 acres

SOIL:

Garonne gravel from the first quaternary, settled more than 600 000 years ago

AVERAGE DENSITY:

10 000 à 8 500 vines per hectare

VINESTOCKS: 3 309 ; 101-14 Riparia

AVERAGE AGE OF STOCKS: 46 years old

GRAPE VARIETIES:

Cabernet Sauvignon 57%

Merlot 31%

Cabernet Franc 7,5%

Petit Verdot 3%

Malbec 1,5 %

VINIFICATION

Harvest reception

Weighing of the crop. Plot selection in the tank (grape variety, terroir, age, ...)

Tanks

100% cement

Alcoholic fermentation

Yeast addition | Fermentation temperatures: 31°C - 33°C

Maceration

21 - 35 days at adapted temperatures and according to the tasting

Pressing

Pneumatic presses | Immediate transfer of the press wine into barrels | Tasting and selection of four press wines among the barrels

Malolactic fermentation

40% in barrels in a thermostatically controlled cellar

Ageing

16-18 months in French, fine grain, oak barrels, renewed by 30% every year to enhance the fruit | Medium toast

Owner : Jean Merlaut | Vineyard Manager : Patrick Frédéric | Cellar Master : Philippe Carmagnac

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