



CHÂTEAU  
GRUAUD LAROSE

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Second Grand Cru Classé en 1855

AOC SAINT JULIEN

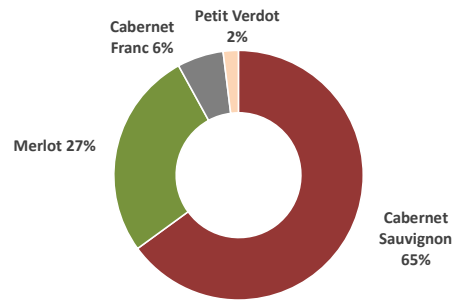
## TECHNICAL DATA 1989

### VINTAGE 1989

#### CLIMATE

1989 remains memorable. The precocity in maturation and the richness of the grapes were exceptional. A very hot and sunny month of May ensured a rapid development of vegetation. The first flowers were notified around May 20th in the most precocious varieties and situations. Just like the first summer-months, September was hot, sunny and dry. These extremely favourable terms allowed complete ripening in excellent conditions, a regular picking and no excessive rush.

#### BLENDING



Alcohol: 12,8° Total acidity: 3,25

#### PHENOLOGICAL STAGES

	MERLOT	CABERNET SAUVIGNON	CABERNET FRANC	PETIT VERDOT	MALBEC
Green tips	3/20	3/26	3/21	3/27	3/21
Mid-flowering	5/21	5/28	5/22	5/29	5/21
Beginning of veraison	7/25	7/29	7/26	7/30	7/24
<b>HARVEST DATES</b>	9/11	9/21	9/16	9/23	9/12

#### 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