



CHÂTEAU  
GRUAUD LAROSE

# CHÂTEAU GRUAUD LAROSE

Second Grand Cru Classé en 1855

AOC SAINT JULIEN

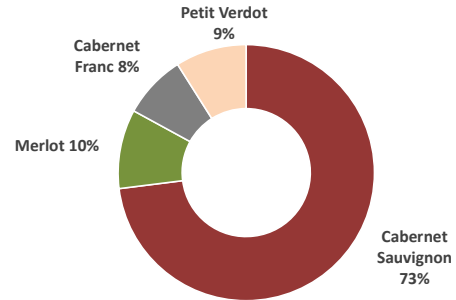
## TECHNICAL DATA 1991

### VINTAGE 1991

#### CLIMATE

The 1991 vintage was marked by the diversity of situations originating in the loss from the spring frost, but also the distribution of rain during maturation. These conditions did not allow anybody to predict the quality potential that became undeniable at the end of August. The completion of the ripening in fine weather would certainly have led to great quality. The risks of rot forced the winegrowers to accelerate the harvest and organise it according to the rain.

#### BLENDED



Alcohol: 12,5° Total acidity: 3,5

#### PHENOLOGICAL STAGES

	MERLOT	CABERNET SAUVIGNON	CABERNET FRANC	PETIT VERDOT	MALBEC
Green tips	4/1	4/5	4/1	4/7	3/31
Mid-flowering	Frost	-	-	-	-
Beginning of veraison	-	-	-	-	-

#### HARVEST DATES

### 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 | Daily tasting of each tank

#### Macération

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