





Climate and Grape Growing

Climate: Warm Mediterranean (warm summers/mild winters = great condition for growing)

- Vineyards inland near foothills are cooler less fertile, well-drained soils = better viticulture quality
- Northern winds cool eastern/western ends:
 - o Mistral down Rhone valley
 - o **Tramontane** between the Massif Central and Pyrenees
- Drought + summer floods can be problematic

Grape Varieties and Wine Making

Black varieties

Grenache = suited to warm/dry climate

Syrah = better in cooler sites

Carignan = **high tannin**/**acid**/**colour**/**lacks fruit** + **finesse**. Old vines on poor soil = better quality. Less plantings over time. Permitted in all AC regulations.

Cinsault = Rosé production/ red fruit flavours in blends

Mourvèdre = ripens in warmest sites - adds richness, colour, complexity to blends

Merlot/Cab Sauvignon - IGP wines

<u>Winemaking (red)</u>

• WM improving = equipment/cellar management/oxygen management/juidicious oak use. Carbonic Maceration to soften Carignan.

White varieties

Chardonnay/Sauvignon Blanc = IGP production

Viognier = small, significant plantings

Muscat = sweet fortified wines and dry wines (aromatic/grapey)

Grenache Blanc = **dry/full body/low acid/peachy** - **can oxidise easily**. Blended with other Rhone/local grapes.

Picpoul (Pinet), **Mauzac** (Limoux), **Maccabeu** (Roussillon), **Rolle** (Provence), **Clairette** (Languedoc)

Languedoc and Roussillon

Appellation wines

- Languedoc = generic appellation
 - o Sub regions can add names to Languedoc AC, example, Picpoul-St-Loup
 - o Some geographically specific appellations, ie, Minervous
 - Some have sub appellations, ie, Minervous-La Livinière
- Subregions continues to apply for full status
- 4 key grapes: Carignan, Grenache, Syrah, Mourvèdre
- No 'type' of wine = difference geographical areas and different soil types (cooler regions more finesse best: Syrahs). Warmer areas Mourvèdre gamey/meaty.
- Best = full bodied/spicy red fruits/oak. Rosés = soft/fruity.

<u>Key areas</u>

Côtes du Roussillon = rugged/mountainous - concentrated wines (bright sun/low rainfall/strong winds)

Côtes du Roussillon Villages = north best vineyards

Fitou = 2 areas (warm coastal strip - full bodied wines + cooler, high-altitude inland area - lighter wines)

Corbières = vineyards near coast + altitude - cooled by *Tramontane*. 11 sub regions. **Boutenac** has its own AC.

Minervois = on slopes of Massif Central. Varying quality due to dif. altitudes/soils/cooling influences. Subdivided too. **La Livinière** has its own AC.

Picpoul de Pinet = near coast, cooling breeze - grapes retain acidity.

Limoux = cooling effect - premium oaked Chardonnay.

IGP Wines

Important high-volume area for commercial success

Pay d'Oc - encompasses all départments of Languedoc-Roussillon

Success due to (a) wider permitted grape varieties and (b) warm, sunny climate = high grape yield - (good value for money)

Provence

- Landscape broken by hills protection against Mistral varying site climates/soils
- Rosé (main production) = pale colour/light-bodied/dry/delicate grapefruit/red fruits
- Red wines = fresh → full-bodied/barrel matured
- Best whites = aromatic Rolle or Clairette
- Côte de Provence (largest appellation)
 - o 3 pockets of vineyards along coast Bandol included
 - **Bandol** east of Marseille premium reds (Mourvedre based) can ripen on S.facing terraced slopes.
 - Dark/full-bodied/tannic bottle age before they show best bramble/meat/licorice-spice.

Multiple Choice Practice Questions

- 1) In what region would you find Bandol?
- a) Provence
- b) Languedoc
- c) Roussillon
- d) Bordeaux
- 2) Provence is renowned for its production of which style of wine?
- a) Full-bodied red wines
- b) Rich and aromatic white wines
- c) Sparkling wines
- d) Pale, dry rosé wines
- 3) Which winds have an influence in the Southern France region?
- a) Sirocco and Mistral
- b) Mistral and Tramontane
- c) Bise and Etesian
- d) Trade Winds and Tramontane
- 4) In what region of Southern France would you find La Livinière?
- a) Corbières
- b) Fitou
- c) Limoux
- d) Minervois
- 5) The Languedoc wine region in Southern France benefits from which climatic influence, making it suitable for viticulture?
- a) Maritime
- b) Continental

- c) Mediterranean
- d) Alpine

Answers

- 1. a) Provence
- 2. d) Pale, dry rosé wines
- 3. b) Mistral and Tramontane
- 4. d) Minervois
- **5.** c) Mediterranean