

A few words on Cazenave pruning (from J. Guyot, 1864)  
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About grapevine training and pruning system in Bordeaux (19th Century)

**How to install what J. Guyot (1864) called a Cordon with spurs and canes?  
« *Cordon à longs bois et coursons* »**

Adapted by Deloire A., 2021 from Guyot J., 1864. La viticulture du centre sud de la France, Imprimerie Impériale, Paris

The inventors of this grapevine training and pruning system are Mrs. Cazenave (Gironde) and Marcon (Dordogne).

Let's have a look at the figures 1, 2 and 3 :

**Figure 1**

1 - Year 2 : Two years after plantation, the vine has two long canes (3 to 4 metres) to choose from to install the future Cordon/arm.

2 - Year 2 : The cane is bended to install the future arm. Only the latent buds on the top of the horizontal cane are left (For *Vitis vinifera* L., the latent bud position on a cane is alternated).

**Figure 2**

3 - Year 3 : The distance between primary shoots (future winter canes) on the arm should be adjusted to 30-35 cm.

4 - Year 3 : After winter pruning, the 6 to 8 canes bear 6 to 8 latent buds.

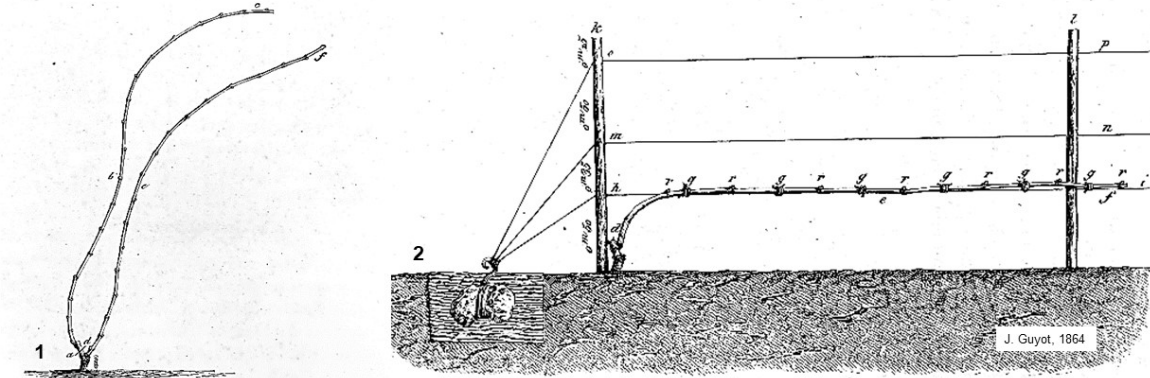
5 – Year 3-4 : The primary shoot development will allow to install in winter the perennial « spur and cane » system.

6 – Year 4-5 : Winter pruning which leads to one spur (cot) and one cane (haste) per position, so 6 to 8 spurs (cots) +canes (hastes) per vine.

**Figure 3**

7 - Year 6 and + : The distance between vines on the row is 3 metres and 2 m between rows, so a plantation density of 1666 vines per hectare for a production of 150 hectolitres per hectare.

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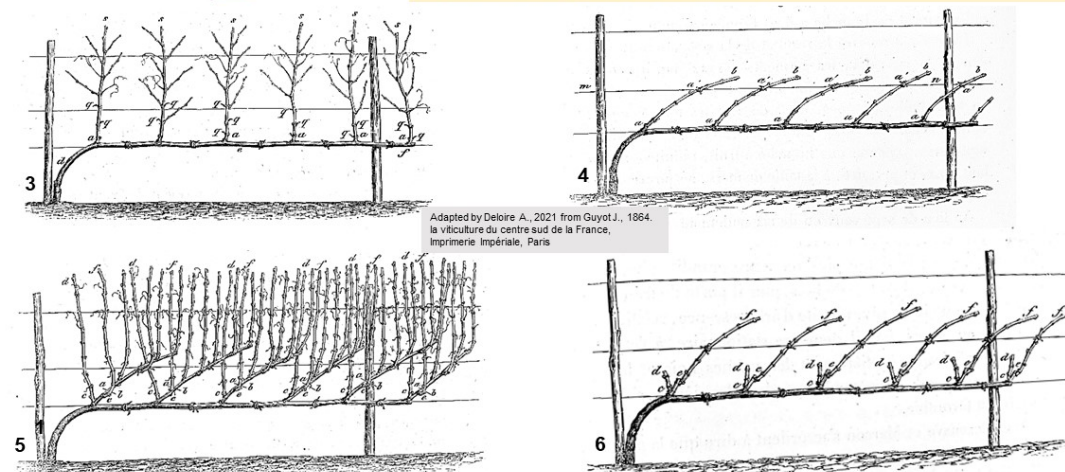


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- 2 - The cane is bended to install the future arm. Only the latent buds on the top of the horizontal cane are left (For *Vitis vinifera* L., the latent bud position on a cane is alternated).

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Figure 1 : The installation of the future arm-Cordon.

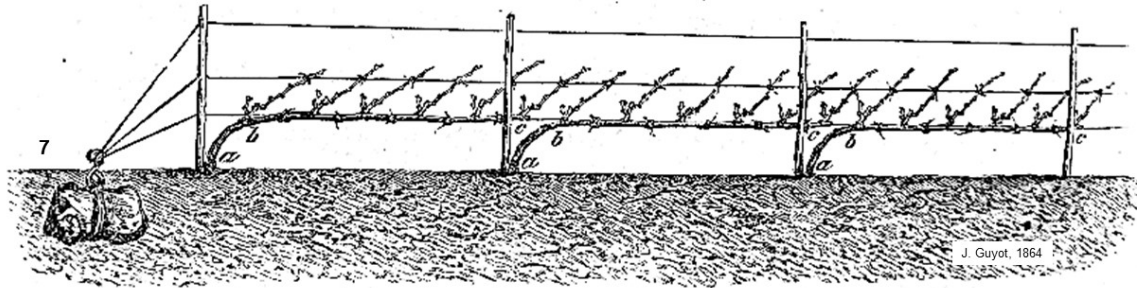
How to install what J. Guyot (1864) called a Cordon with spurs and canes?  
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Figure 2 : The installation of the Cordon with spurs (cots) and canes (hastes) over two to three years.



7 - Year 6 and + : The distance between vines on the row is 3 metres and 2 m between rows, so a plantation density of 1666 vines per hectare for a production of 150 hectolitres per hectare.

**This training and pruning system was used in Bordeaux in the 19th century**

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*Figure 3 : An example of how the vines in row look like.*