

Spatial description of a Grenache Noir cluster from Domaine de Jarras (Aigues-Mortes)

Date of sampling : 12 Juillet 2018

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A brief description of the spatial distribution of berry fresh mass (g) and seed number on a Grenache Noir cluster sampled 12 July 2018 at Domaine de Jarras (Aigues-Mortes).

The measures have been done on a per berry basis, per ramification or group of ramification/branching (Figure 1, table 1).



Figure 1: Grenache Noir cluster, sampled 12 July 2018 at Domaine de Jarras (Aigues-Mortes)

Table 1 : Values of berry number, berry fresh mass (g) and berry seed number for the Grenache Noir cluster. Spatial distribution per ramifications/branching. This 169 berries cluster has a total fresh mass of 164,8 g and a total seed number of 262 which brings to an average of 1,55 seed per berry. No real gradient is observed across the bunch for the measured parameters.

	total berry number/ramification	total berry fresh mass (g)/ramification	total berry seed number/ramification
Top-shoulder	25,0	19,2	30,0
R1	9,0	7,9	18,0
R2	14,0	12,6	21,0
R3	7,0	5,9	8,0
R4	9,0	8,4	14,0
R5-6	11,0	10,3	15,0
R7	9,0	9,1	15,0
R8	8,0	9,3	16,0
R9	9,0	8,5	13,0
R10	5,0	6,0	9,0
R11	8,0	7,7	11,0
R12-21	34,0	34,0	51,0
Extremity	21,0	25,9	41,0
Total	169,0	164,8	262,0

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More results on the cluster are presented figures 2 and 3.

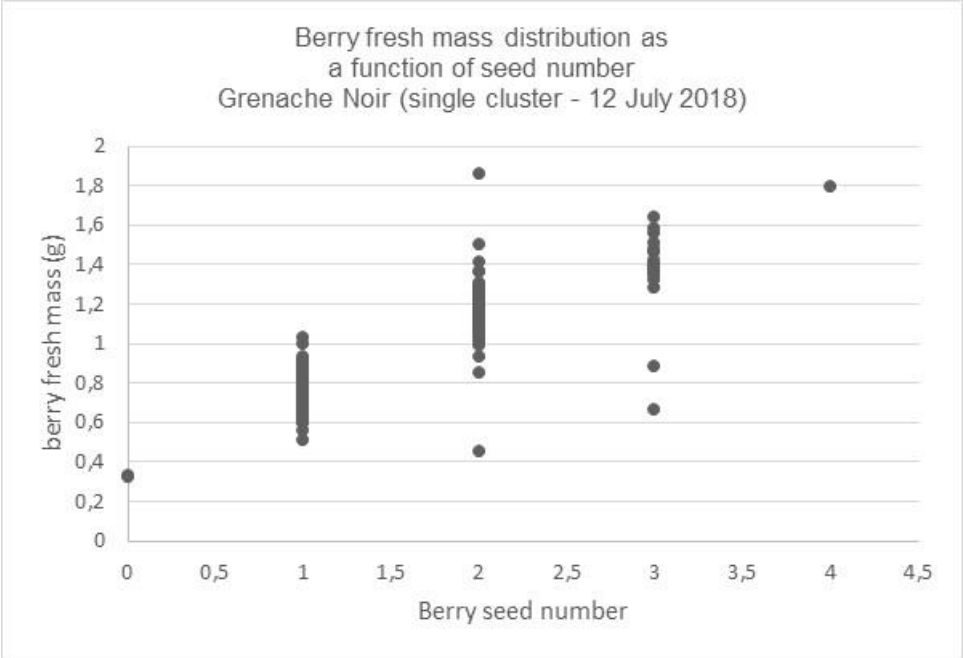


Figure 2: Berry fresh mass distribution as a function of seed number for the Grenache Noir single cluster. The relation between berry seed number and fresh mass is not linear. The fresh mass of a two seeds' berry can vary from 0,45 to 1,85 g.

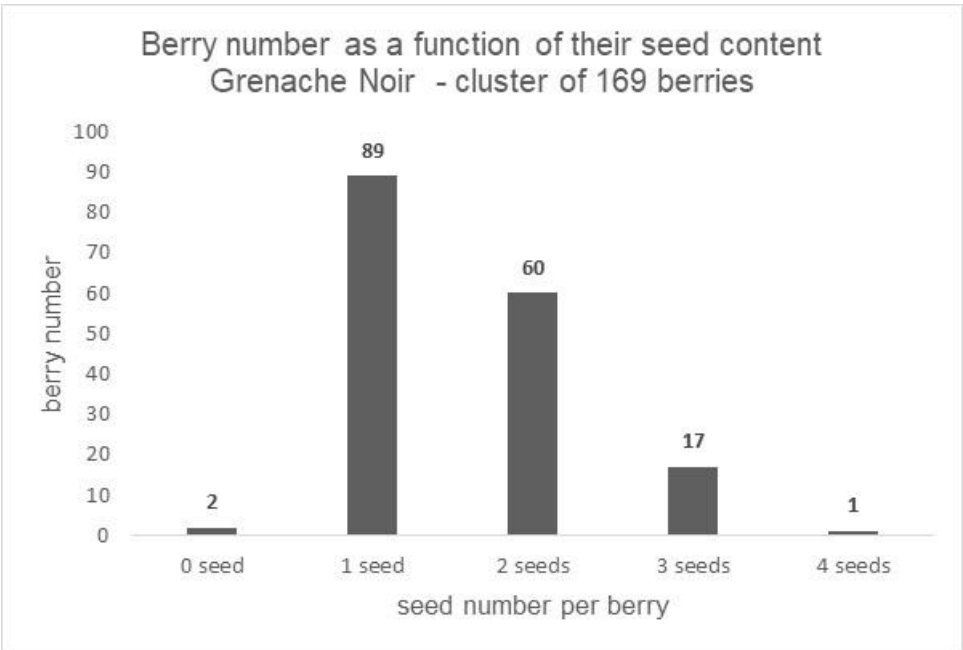


Figure 3: Distribution of berry number as a function of their seed content. 52% of the berries have 1 seed and 35% have 2 seeds.