#### USJ, BEIRUT, LEB

Myrtle (EN)

Mirto (IT)

Mirto (SP)

Myrte commun (FR)

Μυρτιά (GR)

(AR-LB) آس شائع

(AR-TN) ريحان



## Myrtus communis L.

### Growth conditions in the wild



It is wide spread in the Mediterranean region.



It is widely distributed in coastal habitat particularly on siliceous substrata.



Thermophilous and humid shrub at altitude ranging from 0 to 1400 m. a.s.l.

### Seed germination



Cold/moist stratification for 3 months at 4°C.



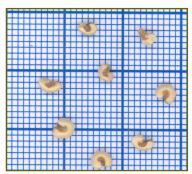
Germination at 20°C on filter paper with no direct light.



First seedlings may be observed in 3 months. Total test length: 4 months.

Average germination: 90%.

### Seed information and collection



- •Averaged weight for 100 seeds is 0.6g (100 g  $\approx$ 16,667 seeds).
- •Fruits must be collected when they have a dark purple colour and well ripped. Harvesting is done manually from the ground or using stools or ladders, picking the mature fruits directly from the branches.
- •Non-protected species, except inside protected areas where collection is regulated.

### Seed management

- •Seeds were cleaned manually removing carefully the pulp under water and then allowed to dry above sheets of paper.
- Seeds are orthodox, so can be dried at 15°C and 15% RH and stored at 4°C for several years, or -25°C as base collection.

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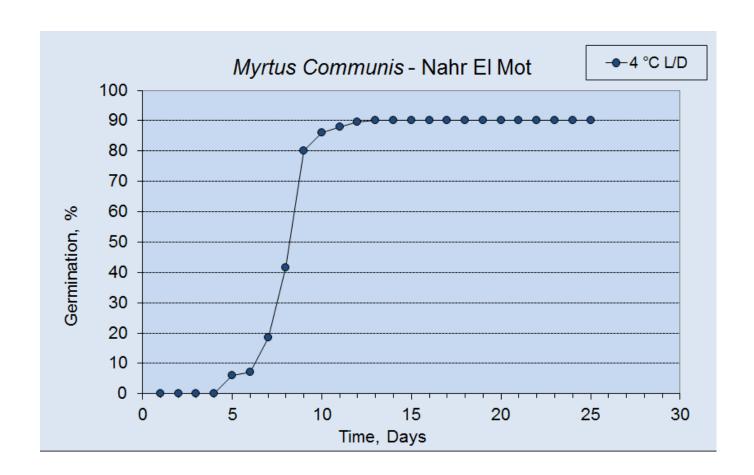
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# Germination cinetic



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# **Distribution of Myrtus communis**

