

Carob (EN)

Carrubo (IT)

Algarrobo (SP)

Caroubier à siliques (FR)

Χαρουριά (GR)

الخروب (AR-LB)

خَرْوب (AR-TN)



Ceratonia siliqua L.

Growth conditions in the wild



Native to Turkey, Cyprus, Syria, Lebanon, Palestina, southern of Jordan, Egypt, Tunisia and Libya. It has been probably introduced to Greece, Italy, France, Spain and Portugal.



It is found both on limestone and siliceous substrata. It occurs frequently in forest land cover and sands.



It is located in a wide altitudinal range, from ca. 0 to 1000 m.a.s.l.

Seed germination



Chemical scarification with a concentrated solution of H_2SO_4 for 20 minutes.



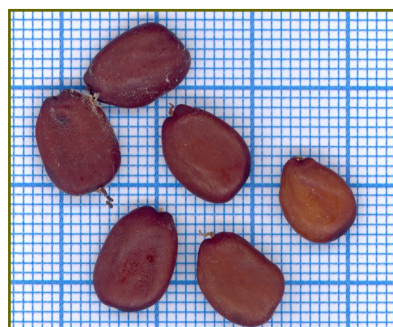
Germination at 20°C on agar without light.



First seedlings may be observed in 2 weeks. Total test length: 1 month.

Average germination: 83 %.

Seed information and collection



- Averaged weight for 100 seeds is 20.9 g (100 g \approx 478 seeds).
- Fruits must be collected when they are fully black and dried. 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

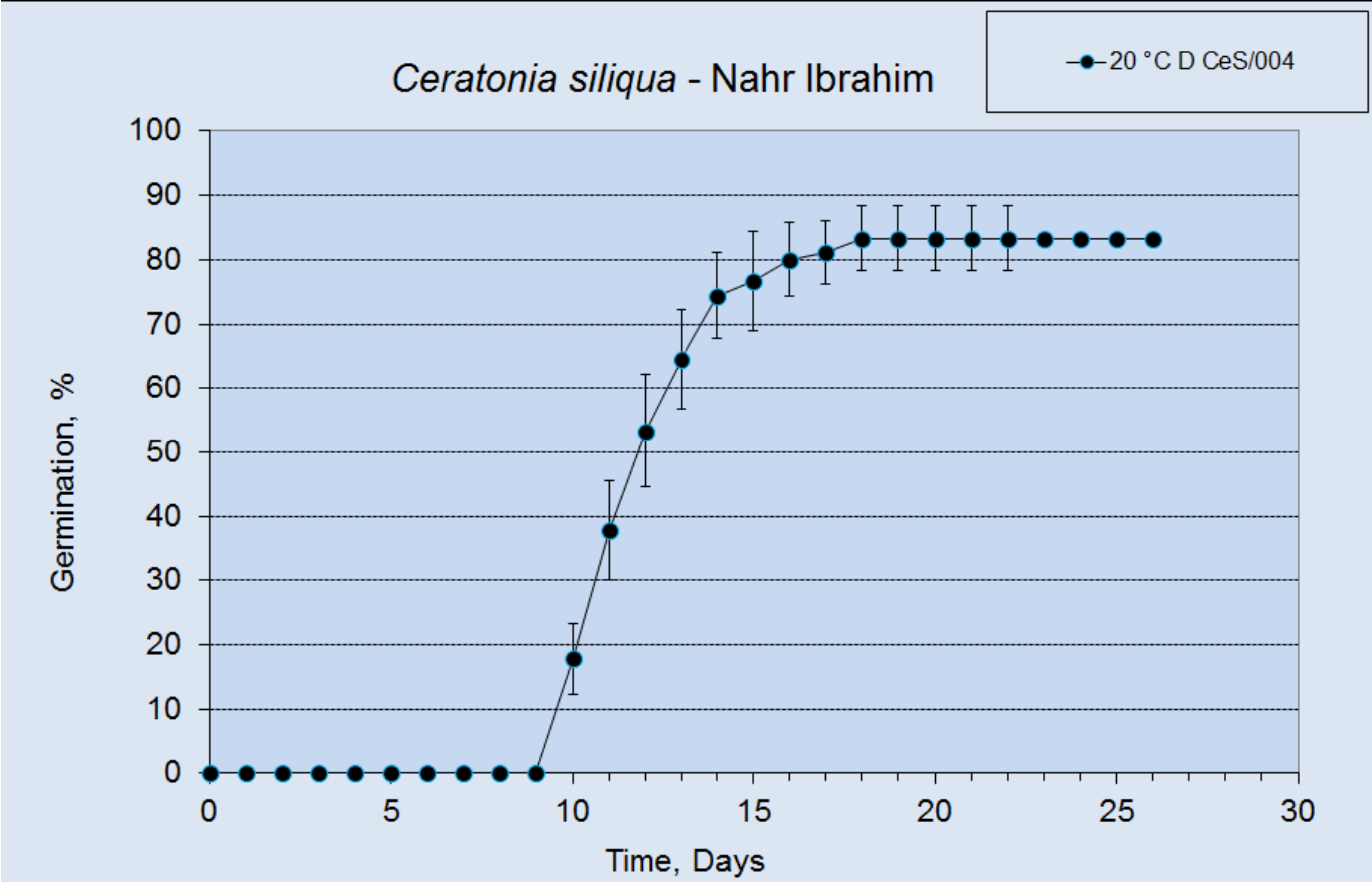
- Dried pods can be cut in the middle to remove the seeds.
- Seeds are orthodox, so can be dried at 15°C and 15% RH and stored at 4°C for several years, or -25°C as base collection.

J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
						✿	✿	✿	🍎	🍎					🌱	🌱							

The seeds contain galactomannan carob bean gum (CBG) or locust bean gum which is extracted and used as food additive for a wide range of purposes, and the pods provide a health food chocolate substitute.

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Germination cinetic



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Distribution of *Ceratonia siliqua*

