

USJ, BEIRUT, LEB

Hairy Buckthorn (EN)

Nerprun ponctué (FR)

عجرم (AR-LB)



Rhamnus punctata Boiss.

Growth conditions in the wild



Native to Lebanon, Syria, Cyprus and Cilicia.



It is found on limestone substrat. It occurs frequently in a degraded lands.



It is located in a wide altitudinal range, from ca. 0 to 1400 m.a.s.l.

Seed germination



Pre-treatments: imbibition in distilled water (2 h). Cold/moist stratification at 4°C on Agar (1%) with no direct light for 3 months. Germination at 20°C, 12h light/12h dark.



First seedlings may be observed in 3 months. Total test lenght: 6 months.

Average germination: 80%.

Seed information and collection



- Averaged weight for 100 seeds is 1.35 g (100g \approx 7,407 seeds).
- Fruits must be collected when they have a blue-dark colour .
- Non-protected species, except inside protected areas where collection is regulated.

Seed management

- Cover the blade of a blender with a rubber material. Place the ripe fruits in the blender and turn it on for 1 min. Separate the seeds from the dirt using a sieve.
- Seeds are orthodox, so can be dehydrated at 15°C and 15% RH and stored at 5°C for several years, or -25°C as base collection.

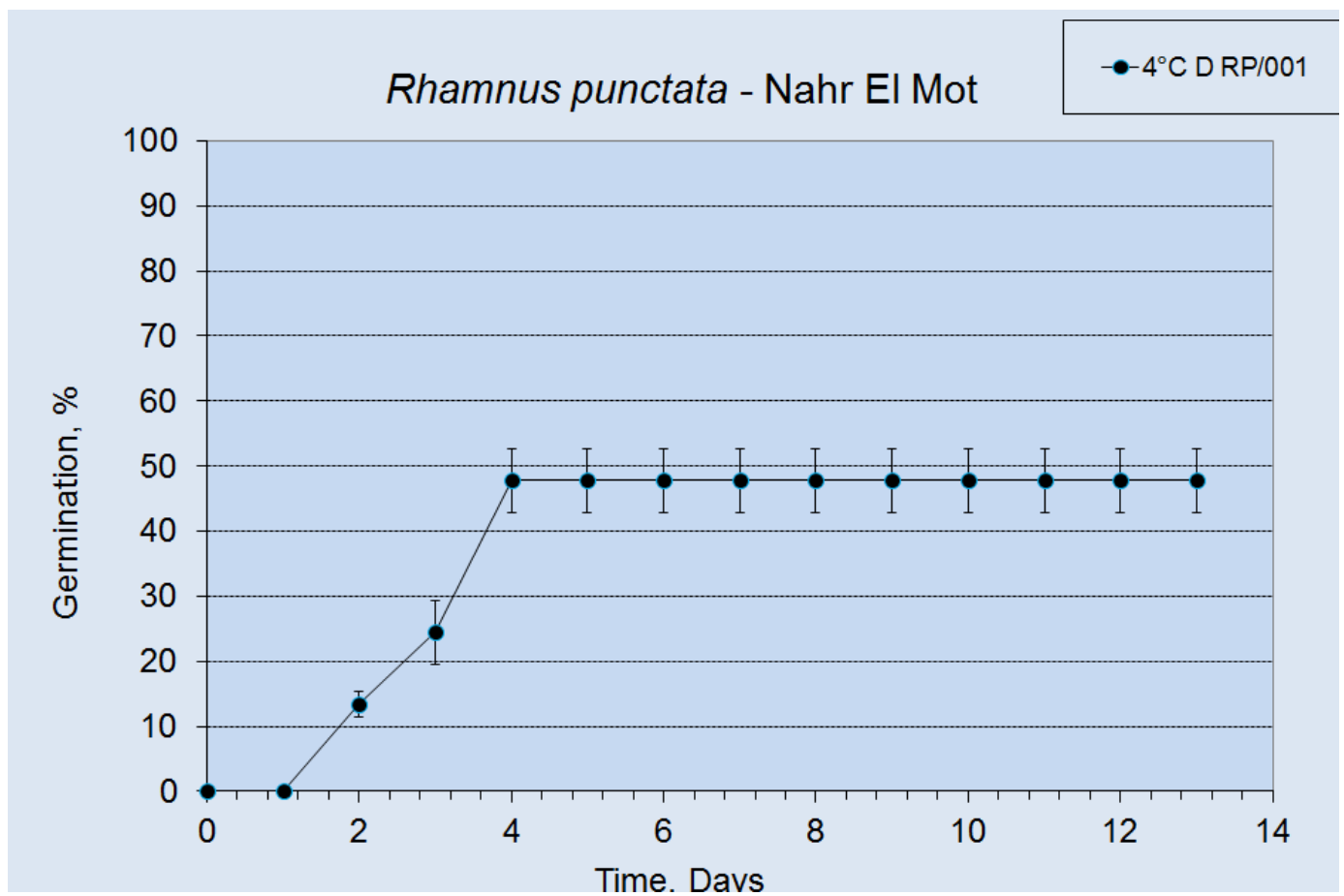
J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
	☼	☼	☼					🍏	🍏	🌱	🌱			🌱	🌱	🌱							

Hairy Buckthorn (EN)

Nerprun ponctué (FR)

عجرم (AR-LB)

Germination cinetic



Hairy Buckthorn (EN)

Nerprun ponctué (FR)

عجرم (AR-LB)

Distribution of *Rhamnus punctata*

