

Syrian pear (EN)

Pero della Siria (IT)

Poirier de la Syrie (FR)

اجاص بري (AR-LB)



## *Pyrus syriaca* Boiss.

### *Growth conditions in the wild*



Native to Turkey, Iraq, Syria, Lebanon and Palestine.



It is found both on limestone and siliceous substrata. It occurs frequently in oak woods, forest clearing and borders.



It is located in a wide altitudinal range, from ca. 100 to 2000 m. a.s.l.

### *Seed*



Imbibition in distilled water (2 h).



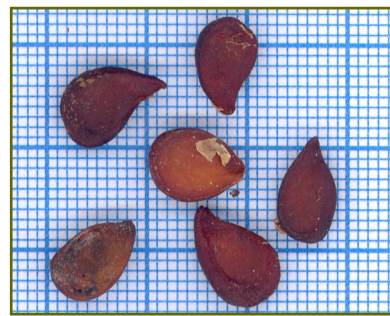
Cold/moist stratification at 10°C on filter paper with no direct light.



All seeds germinated during stratification. First seedlings may be observed in 21 days. Total test length: 4 months.

Average germination: 80 %.

### *Seed information and collection*



- Averaged weight for 100 seeds is 9.2 g (1000g  $\approx$  10,870 seeds).
- Fruits must be collected when they have a dark green colour and well rippled. Harvesting is done manually 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*

- Cut the fruit in the middle and recover 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 fruit is well known for its purgative properties.

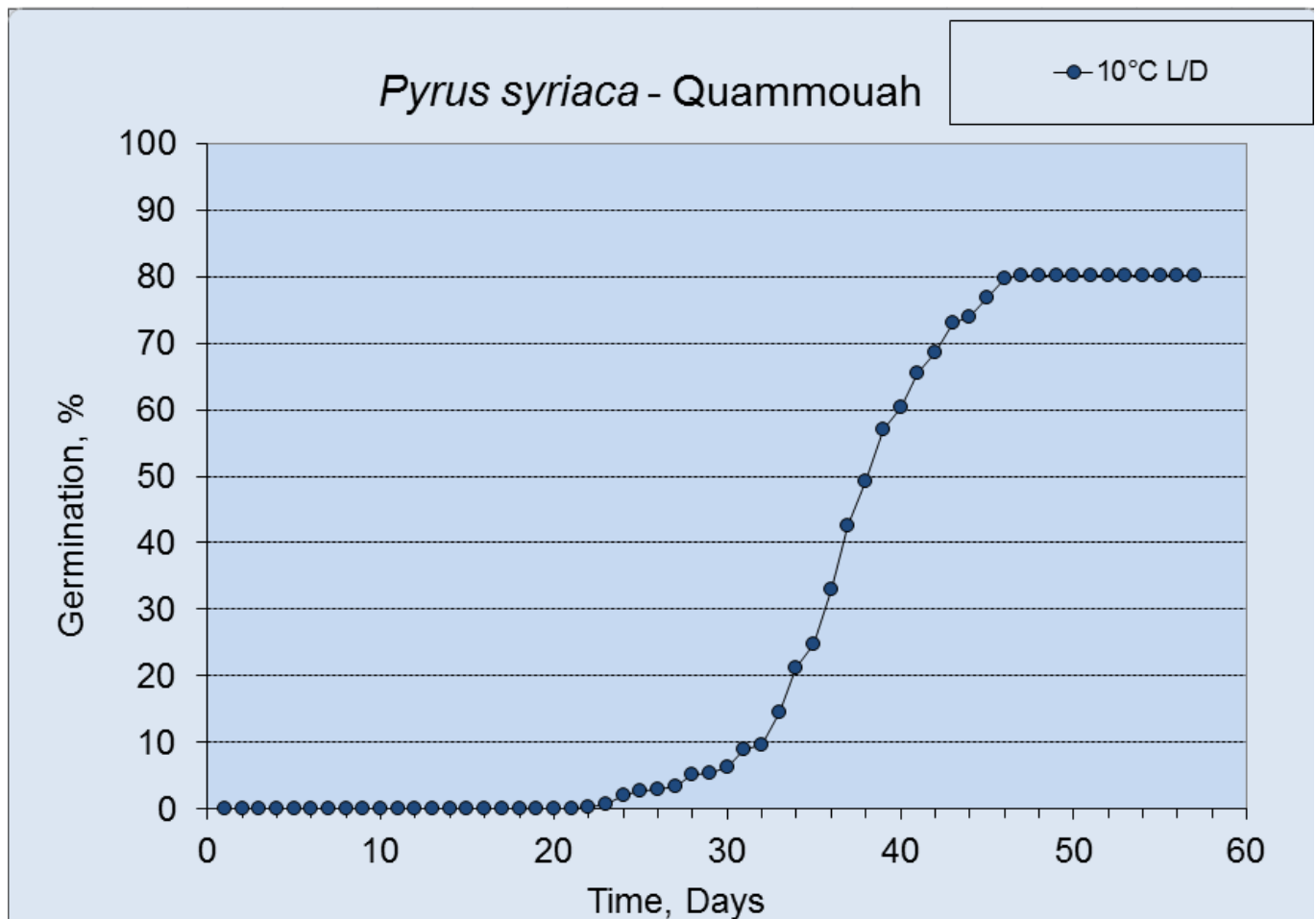
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## Germination cinetic



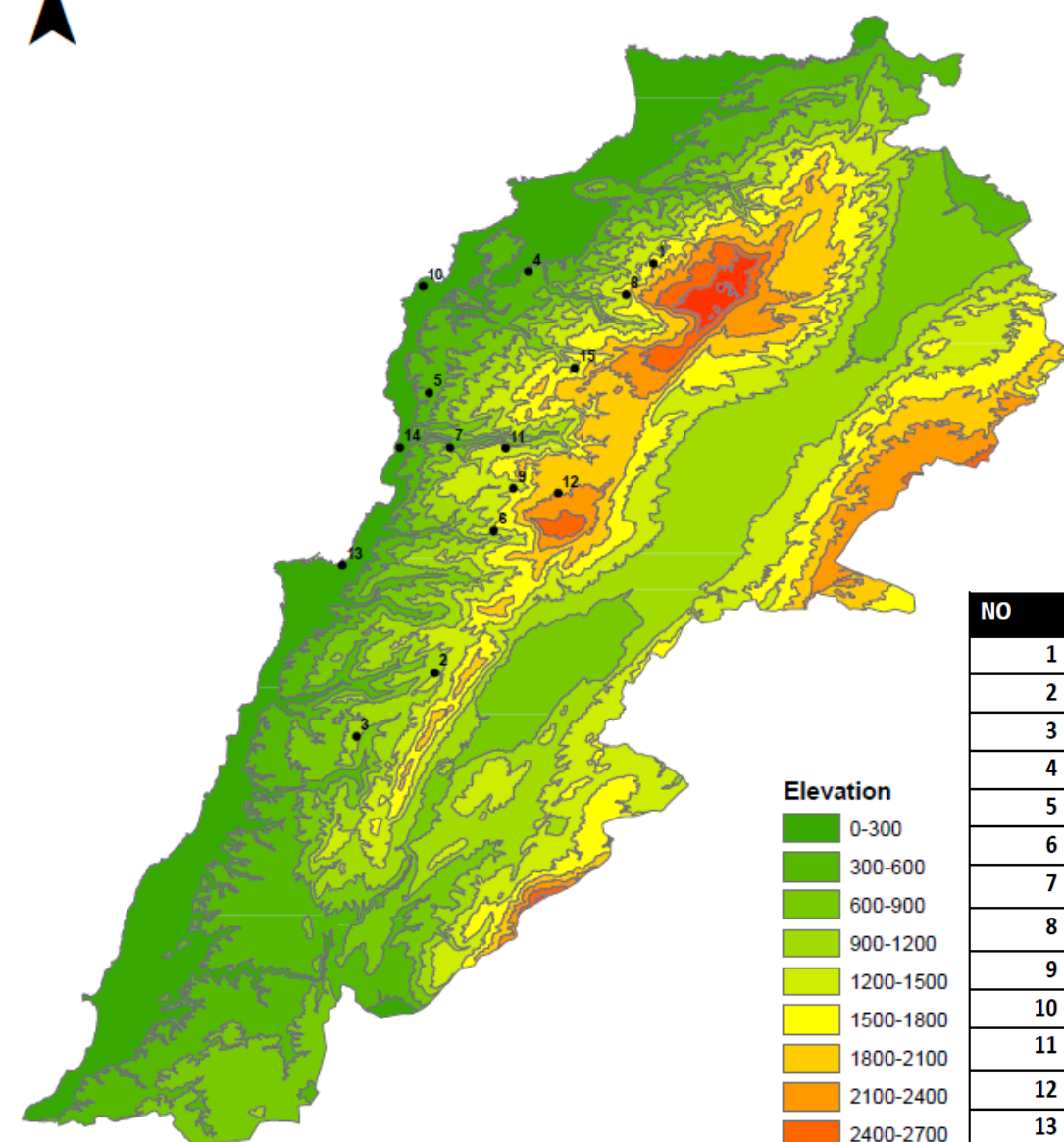
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## Distribution of *Pyrus syriaca*



NO	ID
1	Ain Hqeilat
2	Ain Zhalta
3	Al Shouf
4	Amchit
5	Bentael
6	Beskinta
7	Chouaia
8	Ehden
9	Fakra
10	Hamat
11	Quamez
12	Kfardebian
13	Nahr el mot
14	Nahr Ibrahim
15	Tannourine

0 25 50 Km