

Site: Kouklia, Paphos district (Cyprus)

Novel perennial cropping system (NCS): *Ceratonia siliqua* (carob tree)



Information for the site

Climate: Mediterranean climate, characterized by long, dry summers and mild, relatively rainy winters.

Location: On the South-West part of the island.

Altitude: 150 m.

Average annual rainfall: ~ 370 mm (month with higher rainfall – December, drier month – July)

Average annual temperature: ~ 20 °C (warmer month – August, cooler month – January)

Available source of irrigation: Groundwater.

Irrigation method: Drip irrigation.

Information on cultivation / Interventions:

- Already established (eight-year-old) field with carob trees – Tillage, between tree lines, is implemented to minimize the risk of fire.
- Soil Treatments: Manure, attapulgit, zeolite and biochar (2nd year). Treatments will be implemented in part of the field; the trees will be marked accordingly.
- Farmer will keep his schedule of irrigation due to long dry seasons.
- Crop production will be monitored.
- Soil analysis will be implemented.
- Agricultural practices and results will be disseminated.

The project will collaborate with the Pan-Agricultural Association of Cyprus (Panagrotikos Sindesmos Kyprou) to disseminate the project's methodology and results to farmers in Cyprus.

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Flowering | | | | | | | ←→ | | | | | | |
| Fruiting | ←→ | | | | | | | | | | | | |
| Crop collection | | | | | | | | ←→ | | | | | |