Fruit & Vegetables close to Barcelona

- Parc Agrari del Baix Llobregat
- Wetlands
- Fruits and vegetables for the fresh market of Barcelona
Les Jonces

-1.2 ha
-Soil texture: Clay loam
-Plain
-Irrigation by flooding
-High salinity water (2.7-3.5 dS/l)
Principles and strategies

- Farm as a whole
- Farm strategies:
  - Maximize carbon capture
  - Maximize carbon stocking/recirculation
  - To reduce oil dependent practices, enhance use of biological resources.
Maximise C capture: Trees + shrubs + plants
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Maximise C capture: vegetables associations
C capture crops: *Simphytum officinale*
C capture crops: Trees and shrubs
C capture: weeds set point
C stocking/recirculation: No tillage seeding
C stocking/recirculation: No tillage seeding
## No tillage seeding

<table>
<thead>
<tr>
<th>Concept</th>
<th>Unit</th>
<th>No tillage seeding</th>
<th>Mechanical works for seeding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Production yield</td>
<td>kg/ha</td>
<td>1634</td>
<td>1610</td>
</tr>
<tr>
<td>Energy yield</td>
<td>cal/cal</td>
<td>3,7</td>
<td>1,8</td>
</tr>
<tr>
<td>Economic yield</td>
<td>€/ha</td>
<td>9124</td>
<td>7710</td>
</tr>
</tbody>
</table>
Enhance biological resources
Thank you!