

- **Climate Risk Region:**
- **Weather event addressed:**



Southern



Winter



Spring

- **Farming System:** Permanent crops      Vineyards
- **Farm vulnerability component:**      Soil Management
- **Description:**

Use of cover crops for increasing organic matter: spontaneous or sown, in winter (in rain fed vineyards) or permanent

### • **Comments on sustainability:**

The composition, technique and management in each farm is very heterogeneous due to soil and local conditions, especially in rainfed Mediterranean conditions. Testing and demonstration is needed at a local scale for promoting its use. It increases organic matter and nutrients availability. It fixes carbon at soil. It improves the soil structure and avoids erosion. Benefits for biodiversity, since it provides food and shelter for useful fauna.

## Implementation · SHORT TERM

### SUSTAINABILITY COMPONENTS

- GHG emissions
- Air quality
- Soil
- Water
- Biodiversity
- Animal Welfare
- Economic
- Social
- Technical Feasibility