

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



Continental



Spring

- **Farming System:** Permanent crops Apple, vineyards
- **Farm vulnerability component:** Management practices
- **Description:**

Frost protection candles are implemented in the driving lanes to avoid a temperature decrease < 0°C

• **Comments on sustainability:**

The use of frost protection candles is very expensive (up to 2400 €/ha/frost night) and leads to increasing GHG emissions and to a reduced air quality. The use of the candles is not allowed everywhere. The additional workload usually is increased only on single days, but the measure is very effective to avoid catastrophic frost damages. Additional hail nets can increase the frost protection effect.

→ Implementation · SHORT TERM

SUSTAINABILITY COMPONENTS

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