

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



Continental



All

- **Farming System:** Arable crops All crops
- **Farm vulnerability component:** Soil management
- **Description:**

GPS-guided tractors always pass over the same lines in the field, leaving high soil porosity in the space in between

### • **Comments on sustainability:**

Positive effect on soil and biodiversity, as soil compaction is reduced and earthworms and other soil life is not disturbed except in the driving lines. If the system has to be bought, economic investment at the beginning is high. In the long term it is paid off through higher yields as root growth is favored and the soil water storing capacity is increased.

## Implementation · MID TERM

### SUSTAINABILITY COMPONENTS

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