CULTIVATION OF LEGUMES

- **Climate Risk Region:** Continental
- **Weather event addressed:** All, All
- **Farming System:** Arable crops, All crops
- **Farm vulnerability component:** Soil and farming practices
- **Description:**

Include legumes in the crop rotation or in grassland.

- **Comments on sustainability:**

The cultivation of legumes improves the formation of humus and supports soil organisms. The soil structure is improved through this (better infiltration and water storage). Through the fixation of atmospheric nitrogen, less synthetic fertilizer is used, which leads to less nitrate leaching. Legumes are also able to solubilize minerals such as phosphorous and make them available for other plants, and they provide a habitat for insects.

Implementation · SHORT TERM

SUSTAINABILITY COMPONENTS

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