

# Soils

## PROSOIL Top Tips

Getting the soil right is key to profitable grassland livestock farming.

### Assess

- Texture — influences water and nutrient holding capacity and management decisions
- Structure — to identify compaction check colours and root depth
- Biological health — earthworms are easy to see and count
- Chemical analysis — basic pH, P, K, Mg



PROSOIL Commercial Development Farms have improved their soils through soil and slurry aeration, use of forage crops, application of manures and digestates, and acting on analyses of soils, manures, slurries, and digestate.

### Dig : Handle : Measure : Act

#### DIG

- Soil type
- Soil structure
- Soil biology

#### HANDLE

- Soil structure
- Root depth
- Soil type

#### MEASURE

- Analyse soils, manures, slurry, digestate and forage minerals
- Biology
- Soil temperature
- Yield

#### ACT

- Plan nutrient management
- Choose right treatment to solve compaction
- Grow deep rooting plants like chicory and red clover
- Include white clover in the ley

