**Recycling-based Fertiliser Use**

**Motivation:** Increasing the use of organic and waste-based recycling-derived fertiliser products as a key part of the EU Circular Economy Package.

**Study In-progress:** European Commission funded projects
- **Nutri2Cycle** – C, N and P loop closure within agro-ecosystems
- **ReNu2Farm** – increasing the recycling rates of N, P and K

**Recycling-based fertilisers:**

Dairy food processing by-product: (a) Al-dosed activated sludge, (b) lime dosed DAF sludge and (c) Gypsum

Struvite (Phosphate mineral)

Ash

Poultry manure

Cattle slurry

Recycling-based fertiliser efficiency trial in grassland plots