

Terra Soil

A research collaboration between Geological Survey Ireland and Teagasc, focused on helping to improve the management of nutrients and trace elements in soil. Terra Soil will support better farming efficiencies by allowing farmers to make more targeted and science-based decisions, which will result in smarter agriculture, less environmental impacts and less wasted resources.



SOIL COLLECTED

The Tellus geochemistry team have visited 16,000 different sites across Ireland by the end of 2017, covering 2.5 million hectares.



SAMPLES ANALYSED

Terra Soil will analyse two Tellus soil sample types, upper soil (5-30cm depth) and deeper soil (35-50cm depth), for a range of agricultural properties.



STAKEHOLDER ENGAGEMENT

Following consultation with key stakeholders in the agri and environmental sectors, a process of knowledge transfer will be undertaken to freely disseminate outputs.



NEW GUIDANCE

Impacts – soil fertility, soil management, drainage, nutrient use efficiency, improved sustainability of Irish agriculture.



KEY OUTCOMES

This project will provide new information relevant to soil fertility, crop and animal health, land drainage, nutrient management and farm economics.



Rialtas na hÉireann
Government of Ireland



Geological Survey
Suirbhéireacht Gheolaíochta
Ireland | Éireann

An Rann Comaisle, Gníomhaireacht na h-Éireann
Department of Communications, Climate Action & Environment



AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY

For more information contact email: tellus@gsi.ie or info@teagasc.ie