



## Irish Equine Centre

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### Soil Testing Request Form

Client name:			
Client address:			
Phone:			
Email:			
Signature:		Date:	

	Sample ID	Lab ID (Lab use only)	Tests required (SL1, SL2, SL3 or SL4)	Georeference (Mandatory)
1				
2				
3				
4				
5				
6				
7				
8				
9				

## Soil Testing Codes

SL1: Phosphorus, potassium, pH & lime requirement

SL2: Phosphorus, potassium, pH, lime requirement & organic matter

SL3: Phosphorus, potassium, pH, lime requirement & trace minerals

SL4: Phosphorus, potassium, pH, lime requirement, organic matter & trace minerals

## Soil Sampling Instructions

The soil sample shall be taken in accordance with the procedure as specified in the Nitrates Directive below:

- (a) The sampling area shall not exceed 4 hectares (10 acres). Exceptionally, where soil types and cropping of lands were similar during the previous five years, a sample area of up to 5 hectares (12 acres) shall be deemed acceptable.
- (b) Separate samples shall be taken from areas that are different in soil type, previous cropping history, slope, drainage, or persistent poor yields.
- (c) Any unusual spots such as old fences, ditches, drinking troughs, dung or urine patches, or where fertiliser or lime has been heaped or spilled shall be avoided.
- (d) A field shall not be sampled for phosphorus until 3 months after the last application of any fertiliser containing this nutrient (chemical or organic).
- (e) A W pattern shall be followed within the sampling area. A soil core shall be taken to the full 100 mm depth. 20 cores shall be taken from the sampling area and placed in the soil container to make up the sample. Ensure the container is full of soil.
- (f) The field and sample numbers shall be written / attached onto the soil container.
- (g) All soils submitted after the 14<sup>th</sup> of September must state the corresponding georeference (GPS) coordinates represented by the soil sample. At least one georeference per soil sample is required and must be from the central point of the sampling path. This can be found by referring to the map on your smartphone device by putting a pin on the central point of the sampling path and recording the GPS coordinates provided.

The analytical result is only as good as the sample submitted for analysis. Collecting a representative sample is the first step of the analytical procedure. Following the recommended sampling procedure above will help ensure that your results reflect the true composition of your sample.

The test report will include the lime requirement of the soil calculated as per Teagasc's Calculating Lime Advice (Mark Plunkett & Linda Moloney Finn, April 2023). The results will be colour coded using Teagasc's Soil Index System (<https://teagasc.ie/environment/soil/soil-fertility/soil-analysis/soil-index-system/>) and the applicable uncertainty of measurement of the test. Submitting a sample for testing will constitute full agreement with the customer and Irish Equine Centre for issuing a test report.