

SOIL TEXTURING BY HAND

Using a moist sample of the soil, asses the soil texture using the following key.

<u>Question</u>	<u>Ans.</u>	
1 Does the soil feel or sound noticeably sandy?	YES	Go To Q.2
	NO	Go To Q.6
2 Does the soil lack all cohesion?	YES	SAND
	NO	Go To Q.3
3 Is it difficult to roll the soil into a ball?	YES	LOAMY SAND
	NO	Go To Q.4
4 Does the soil feel smooth and silky as well as sandy?	YES	SANDY SILT LOAM
	NO	Go To Q.5
5 Does the soil mould to form a strong ball which smears without taking a polish?	YES	SANDY CLAY LOAM
	NO	SANDY LOAM
6 Does the soil mould to form an easily deformed ball and feel smooth and silky?	YES	SILT LOAM
	NO	Go To Q.7
7 Does the soil mould to form a strong ball which smears without taking a polish?	YES	Go To Q.8
	NO	Go To Q.10
8 Is the soil also sandy?	YES	SANDY CLAY LOAM
	NO	Go To Q.9
9 Is the soil also smooth and silky?	YES	SILTY CLAY LOAM
	NO	CLAY LOAM
10 Does the soil mould like plasticine, polish and feel very sticky when wetter?	YES	Go To Q.11
	NO	Start again unless organic
11 Is the soil also sandy?	YES	SANDY CLAY
	NO	Go To Q.12
12 Is the soil also smooth and buttery?	YES	SILTY CLAY
	NO	CLAY