



Table 1. Texture by feel					
	Does the soil feel gritty?		Does the soil feel smooth?		Neither gritty nor smooth?
TYPE OF LOAM	Sandy loam (Coarse textured)		Silt loam (Medium textured)		Loam (Medium textured)
TYPE OF CLAY LOAM	Sandy clay loam (Fine textured)		Silty clay loam (Fine textured)		Clay loam (Fine textured)
TYPE OF CLAY	Sandy clay (Fine textured)		Silty clay (Fine textured)		Clay (Fine textured)
ADVANTAGES OF THE METHOD	Visual method that do not require specific tools. This method can be used in all climates and soil types.				
LIMITATION OF THE METHOD	Might require some training on handling soil and forming the cylinder. It is not possible to determine the relative percentages of the various size-groups.				
QUESTIONS TO BE ADDRESSED	Was it possible to handle the soil to form a ball? Was it possible to form a ribbon? How long was the ribbon? Were you able to make a solid curve? How do you think drainage and nutrient retention would be different in sandy and clayey soils compared to the other soil types?				
EVALUATION EXAMPLES					
Coarse		Mec	lium		Fine
Coarse particles are felt in the soil, which prevent cohesion. Coarse textured soils are often dry, poor in nutrients and drain very fast.		The soil is a mix few coarse particles and some fine particles.		The soil is very smooth and sticky. It has a good fertility and assimilation of nutrients but it can form impermeable layers.	
POOR		MODERATE		GOOD	
This textural class is a limiting factor for the soil. It can be too coarse and not retain water or too fine and difficult to work.		a limiting fa development	ural class is not g factor for the nent of roots, he circulation of d air.		soil has a texture allows the ilation of nutrients high fertility, and not present ions for root pment.

¹ https://www.nrcs.usda.gov/sites/default/files/2022-11/texture-by-feel.pdf

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