

Indiana Registry of Soil Scientists
Continuing Education Units, field activity (CEUf)
Soil Texture Evaluation

Name: _____ Location: _____ Date: _____

Instructions: Estimate the percent sand and clay in the sample (silt is optional) and record it under Your Estimate below. You may wish to do this by locating a position that represents the sample on the texture triangle (provided) and reading % sand, silt, and clay from the triangle. The computer grading program calculates silt content.

Also record your estimate of the USDA texture class, including sand size (e. g., LFS, loamy fine sand).

Your estimate for each sample will be evaluated by determining the distance on the triangle between a plot of your estimate and a plot of the laboratory results. An exact answer is given 100% and the worst answer (opposite corners of the triangle - - you say 100% clay and the lab says 100% sand) is given 0%. For sands, loamy sands, and sandy loams, for which the sand size is part of the texture class name, one point will be added to the calculated score if your estimate of sand size is correct, and one point will be deducted if your estimate of sand size is incorrect.

We suggest that you copy your answers on a second form, keep it, and record the laboratory results at the critique session.

Sample number	Your estimate				Laboratory results			
	% sand	% silt	% clay	Texture class	% sand	% silt	% clay	Texture class
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Revised: 9/18/07