

## Indiana Soil Texture Samples

Samples Collected by IAPSC soil scientists; analysed by NRCS National Soils Laboratory, 2006; distributed by Purdue Agronomy Club

Sample	Texture Class (based on lab data)	Clay	Silt	Sand	Fine Silt	Coarse silt	V fine Sand	Fine Sand	Med Sand	Coarse Sand	V coar Sand	15-bar water	15 bar/ clay	C	N	pH H <sub>2</sub> O	CaCO <sub>3</sub> equiv
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
1	Fine sandy loam	11.2	16.4	72.4	5.1	11.3	15.5	33.6	18.5	3.6	1.2	4.6	0.41	0.38	0.046	7.0	
2	Silt loam	23.0	59.4	17.6	46.5	12.9	3.1	7.2	5.8	1.3	0.2	9.9	0.43	1.94	0.171	6.9	
4	Silt	3.4	94.5	2.1	26.5	68.0	1.6	0.2	0.1	0.2	tr	2.6	0.76	4.28	0.011	8.1	7
6	Coarse sandy loam	11.7	25.7	62.6	11.4	14.3	4.6	7.9	14.2	17.2	18.7	4.2	0.36	3.52	0.016	7.6	26
7	Silt loam	26.9	52.2	20.9	22.8	29.4	5.3	9.8	5.1	0.6	0.1	11.0	0.41	0.25	0.014	5.5	tr
10	Loamy fine sand	1.6	17.7	80.7	3.3	14.4	20.1	53.5	6.9	0.1	0.1	1.2	0.75	2.72	--	8.1	21
11	Loamy sand	3.2	12.2	84.6	8.8	3.4	5.0	45.5	32.0	1.8	0.3	1.7	0.53	0.11	--	6.7	
15	Silt loam	20.5	77.6	1.9	38.9	38.7	0.6	0.4	0.4	0.3	0.2	9.6	0.47	0.40	0.020	6.5	tr
18	Clay loam	36.1	33.8	30.1	21.8	12.0	7.5	11.8	6.9	2.9	1.0	14.4	0.40	0.56	0.039	6.8	1
19	Silt loam	25.7	51.1	23.2	34.2	16.9	5.3	7.4	5.3	3.0	2.2	10.8	0.42	3.81	0.018		29
21	Clay loam	33.9	33.4	32.7	22.9	10.5	5.2	12.8	10.7	3.3	0.7	12.8	0.38	0.12	--	5.2	
22	Silt loam	18.9	56.3	24.8	37.6	18.7	4.1	9.4	8.7	2.0	0.6	7.8	0.41	0.07	--	5.6	
23	Sandy loam	11.7	30.1	58.2	19.6	10.5	5.4	24.6	25.0	2.8	0.4	6.1	0.52	1.47	0.131	5.9	
24	Clay	43.2	22.6	34.2	14.9	7.7	8.0	11.3	10.3	3.6	1.0	16.7	0.39	0.47	0.023	6.0	
26	Silt loam	24.8	53.9	21.3	27.6	26.3	9.5	11.4	0.4	tr	--	10.1	0.41	0.21	0.062	7.8	1
27	Fine sand	1.7	5.4	92.9	3.5	1.9	4.8	58.4	29.5	0.2	--	1.5	0.88	0.07	0.012	6.6	
28	Sand	1.9	3.5	94.6	2.4	1.1	4.3	34.0	52.6	3.7	tr	1.0	0.53	0.05	--	7.4	6
29	Silty clay loam	36.9	45.8	17.3	34.3	11.5	3.8	6.4	3.7	2.3	1.1	14.2	0.38	4.20	0.073		38
30	Loam	14.1	35.1	50.8	23.8	11.3	4.1	18.6	24.7	3.1	0.3	6.2	0.44	2.02	0.052	6.8	
31	Loamy sand	3.8	12.8	83.4	8.0	4.8	4.9	39.0	37.3	2.0	0.2	1.5	0.39	0.14	0.002	4.8	
32	Sandy loam	15.5	12.4	72.1	7.1	5.3	2.6	17.4	36.2	10.9	5.0	6.8	0.44	1.14	0.035		10
33	Loam	17.4	47.6	35.0	28.5	19.1	7.1	13.6	8.1	4.5	1.7	7.3	0.42	5.04	0.042		tr
34	Loamy sand	5.6	16.7	77.7	9.4	7.3	6.7	29.5	35.9	4.9	0.7	3.7	0.66	0.97	0.094		22
37	Sandy loam	18.4	11.1	70.5	7.6	3.5	2.6	32.3	33.1	2.3	0.2	7.2	0.39	0.16	0.018	5.3	
38	Sand	--	0.4	99.6	--	0.4	0.3	30.8	67.6	0.9	--	0.4		0.24	--		
39	Loamy sand	4.3	9.3	86.4	3.8	5.5	2.5	5.7	60.3	17.8	0.1	2.3	0.53	1.34	--		
40	Sandy loam	13.5	32.5	54.0	18.5	14.0	10.5	29.5	11.7	2.0	0.3	6.2	0.46	0.49	0.059		
41	Clay loam	29.8	44.8	25.4	29.1	15.7	4.4	9.8	6.8	3.2	1.2	12.4	0.42	3.15	0.036		
42	Silt loam	25.1	52.4	22.5	34.3	18.1	5.0	7.5	5.7	3.0	1.3	10.0	0.40	4.01	0.037		
48	Silt loam	22.4	72.7	4.9	41.1	31.6	0.8	1.5	1.6	0.9	0.1	10.6	0.47	0.07	0.031		

All analyses are based on <2 mm samples. Except for columns n and q, units are weight percents.

Table 1

## **Indiana Soil Texture Samples**

Samples Collected by IAPSC soil scientists; analysed by NRCS National Soils Laboratory, 2006; distributed by Purdue Agronomy Club

Table 1

Table 1