

Chemical Properties of the Soils

Pike County, Alabama

NOTE: Absence of an entry indicates that data were not estimated.

Map symbol and soil name	Depth In	Cation	Effective	Soil	Calcium	Gypsum	Salinity	Sodium
		exchange capacity meq/100 g	cation exchange capacity meq/100 g	reaction pH	carbon- ate Pct			
ArE:								
Arundel-----	0-6	---	---	3.6-5.5	---	---	0	---
	6-36	---	---	3.6-4.4	---	---	0	---
	36-60	---	---	---	---	---	0	---
Luverne:								
Luverne-----	0-7	---	---	3.6-5.5	---	---	0	---
	7-20	---	---	3.6-5.5	---	---	0	---
	20-40	---	---	3.6-5.5	---	---	0	---
	40-65	---	---	3.6-5.5	---	---	0	---
Troup:								
Troup-----	0-48	---	---	4.5-6.0	---	---	0	---
	48-65	---	---	4.5-5.5	---	---	0	---
BnB:								
Bonifay-----	0-50	2.0-6.0	---	4.5-6.5	0	0	0.0-2.0	0
	50-57	3.0-20	---	4.5-6.5	0	0	0.0-2.0	0
	57-80	5.0-20	---	4.5-6.5	0	0	0.0-2.0	0
BoB:								
Bonneau-----	0-34	---	1.0-4.0	4.5-6.0	0	0	0	0
	34-42	---	2.0-6.0	4.5-5.5	0	0	0	0
	42-60	---	2.0-8.0	4.5-5.5	0	0	0	0
Eunola:								
Eunola-----	0-6	---	1.0-5.0	4.5-5.5	0	0	0	0
	6-23	---	2.0-12	4.5-5.5	0	0	0	0
	23-40	---	2.0-12	4.5-5.5	0	0	0	0
	40-65	---	1.0-6.0	4.5-5.5	0	0	0	0
CaA:								
Cahaba-----	0-8	---	---	4.5-6.0	---	---	0	---
	8-43	---	---	4.5-6.0	---	---	0	---
	43-65	---	---	4.5-6.0	---	---	0	---
CmB:								
Compass-----	0-19	---	---	4.5-5.5	---	---	0	---
	19-39	---	---	4.5-5.5	---	---	0	---
	39-65	---	---	4.5-5.5	---	---	0	---
CnC2:								
Conecuh-----	0-2	---	---	3.6-5.5	0	0	0	0
	2-10	---	---	3.6-5.5	0	0	0	0
	10-55	---	---	3.6-5.5	0	0	0	0
	55-60	---	---	---	0	0	---	0
CoC:								
Cowarts-----	0-9	---	2.0-8.0	4.5-5.5	0	0	0	0
	9-34	---	2.0-10	4.5-5.5	0	0	0	0
	34-60	---	2.0-8.0	4.5-5.5	0	0	0	0

Chemical Properties of the Soils, cont.

Pike County, Alabama

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorp- tion ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
CtE:								
Cowarts-----	0-6	---	1.0-5.0	4.5-5.5	0	0	0	0
	6-36	---	2.0-10	4.5-5.5	0	0	0	0
	36-60	---	2.0-8.0	4.5-5.5	0	0	0	0
Troup-----	0-51	---	---	4.5-6.0	---	---	0	---
	51-70	---	---	4.5-5.5	---	---	0	---
DoB:								
Dothan-----	0-6	---	---	4.5-6.0	---	---	0	---
	6-35	---	---	4.5-6.0	---	---	0	---
	35-60	---	---	4.5-6.0	---	---	0	---
EuA:								
Eunola-----	0-12	---	1.0-5.0	4.5-5.5	0	0	0	0
	12-36	---	2.0-12	4.5-5.5	0	0	0	0
	36-50	---	2.0-12	4.5-5.5	0	0	0	0
	50-65	---	1.0-6.0	4.5-5.5	0	0	0	0
FaB:								
Fuquay-----	0-29	---	1.0-3.0	4.5-6.0	0	0	0	0
	29-36	---	1.0-4.0	4.5-6.0	0	0	0	0
	36-65	---	2.0-4.0	4.5-6.0	0	0	0	0
FtC:								
Fuquay-----	0-36	---	1.0-3.0	4.5-6.0	0	0	0	0
	36-46	---	1.0-4.0	4.5-6.0	0	0	0	0
	46-65	---	2.0-4.0	4.5-6.0	0	0	0	0
Bonifay-----	0-42	2.0-6.0	---	4.5-6.5	0	0	0.0-2.0	0
	42-65	3.0-20	---	4.5-6.5	0	0	0.0-2.0	0
FuC:								
Fuquay-----	0-29	---	1.0-3.0	4.5-6.0	0	0	0	0
	29-36	---	1.0-4.0	4.5-6.0	0	0	0	0
	36-65	---	2.0-4.0	4.5-6.0	0	0	0	0
Urban Land-----	0-6	---	---	---	---	---	0	---
GrB2:								
Greenville-----	0-7	---	5.0-12	4.5-6.0	0	0	0	0
	7-72	---	4.0-12	4.5-6.0	0	0	0	0
LcB:								
Lucy-----	0-28	---	---	5.1-6.0	---	---	0	---
	28-35	---	---	4.5-5.5	---	---	0	---
	35-75	---	---	4.5-5.5	---	---	0	---
LcC:								
Lucy-----	0-24	---	---	5.1-6.0	---	---	0	---
	24-31	---	---	4.5-5.5	---	---	0	---
	31-65	---	---	4.5-5.5	---	---	0	---
LdC:								
Lucy-----	0-24	---	---	5.1-6.0	---	---	0	---
	24-31	---	---	4.5-5.5	---	---	0	---
	31-65	---	---	4.5-5.5	---	---	0	---
Urban Land-----	0-6	---	---	---	---	---	0	---
LeE:								
Luverne-----	0-6	---	---	3.6-5.5	---	---	0	---
	6-28	---	---	3.6-5.5	---	---	0	---
	28-36	---	---	3.6-5.5	---	---	0	---
	36-60	---	---	3.6-5.5	---	---	0	---

