

Chemical Soil Properties

Benton County, Arkansas

[Absence of an entry indicates that data were not estimated]

Map symbol and soil name	Depth	Cation- exchange capacity	Effective cation- exchange capacity	Soil reaction	Calcium carbon- ate	Gypsum	Salinity	Sodium adsorption ratio
	<i>In</i>	<i>meq/100 g</i>	<i>meq/100 g</i>	<i>pH</i>	<i>Pct</i>	<i>Pct</i>	<i>mmhos/cm</i>	
CnB:								
Captina	0-5	---	1.0-3.9	4.5 - 6.5	0	0	0.1-2.0	0
	5-25	---	5.9-13	4.5 - 5.5	0	0	0.1-2.0	0
	25-50	---	6.8-15	3.5 - 5.5	0	0	0.1-2.0	0
	50-79	---	13-33	3.5 - 5.5	0	0	0.1-2.0	0
Needleye	0-7	8.0-14	---	4.5 - 7.3	0	0	0.1-2.0	0
	7-25	13-19	---	4.5 - 6.0	0	0	0.1-2.0	0
	25-50	---	6.4-12	3.5 - 6.0	0	0	0.1-2.0	0
	50-80	---	14-35	3.5 - 6.0	0	0	0.1-2.0	0
Nixa	0-1	---	15-32	3.3 - 4.0	0	0	0.1-2.0	0
	1-3	---	1.5-4.5	3.9 - 6.0	0	0	0.1-2.0	0
	3-10	---	5.8-16	4.5 - 6.0	0	0	0.1-2.0	0
	10-20	---	3.6-16	4.2 - 5.5	0	0	0.1-2.0	0
	20-43	---	6.6-11	4.3 - 5.5	0	0	0.1-2.0	0
	43-80	---	16-45	4.1 - 5.0	0	0	0.1-2.0	0