

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>	
NeB:								
Newtonia	0-12	8.9-20	---	5.6 - 6.5	0	0	0.0-2.0	0
	12-16	17-28	---	5.1 - 6.5	0	0	0.0-2.0	0
	16-26	19-27	---	5.1 - 6.0	0	0	0.0-2.0	0
	26-54	23-32	---	5.1 - 6.0	0	0	0.0	0
	54-80	22-36	---	5.1 - 7.3	0	0	0.0-2.0	0
Dennis	0-13	7.0-17	---	5.1 - 6.0	0	0	0.0	0
	13-17	17-21	17-21	4.5 - 6.0	0	0	0.0	0
	17-44	21-33	---	5.1 - 8.4	0	0	0.0	0
	44-66	21-33	---	5.1 - 8.4	0	0	0.0	0
Peridge	0-9	---	5.0-15	4.5 - 6.0	0	0	0.0	0
	9-42	---	10-20	4.5 - 6.0	0	0	0.0	0
	42-54	---	10-20	4.5 - 6.0	0	0	0.0	0
	54-60	---	15-40	4.5 - 6.0	0	0	0.0	0
	60-74	---	15-40	4.5 - 6.0	0	0	0.0	0
Okemah	0-11	14-19	---	5.6 - 7.3	0	0	0.0-1.0	0
	11-20	11-19	---	5.6 - 7.3	0	0	0.0-1.0	0
	20-40	18-29	---	5.6 - 7.8	0	0	0.0-1.0	0
	40-62	18-29	---	6.6 - 8.4	0-2	0-2	0.0-1.0	0